

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
 Data File : BF102193.D
 Acq On : 18 Jan 2018 16:04
 Operator : SJ/JU
 Sample : J1151-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-GRAVEL

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	4.934	479	484	494	rVB	191920	318511	5.87%	0.501%
2	5.334	545	552	555	rBV	3889114	4381025	80.79%	6.891%
3	6.363	720	727	730	rBV	3684119	4386508	80.89%	6.900%
4	6.492	743	749	752	rBV	4202740	4421803	81.55%	6.955%
5	6.716	784	787	791	rBV	1136875	949391	17.51%	1.493%
6	6.875	810	814	817	rBV	3608366	3480423	64.18%	5.475%
7	7.286	875	884	887	rBV	2572216	2932684	54.08%	4.613%
8	8.004	999	1006	1007	rBV	1357106	1436533	26.49%	2.260%
9	8.022	1007	1009	1012	rVB	1531285	1159711	21.39%	1.824%
10	8.086	1018	1020	1024	rBV	88289	82748	1.53%	0.130%
11	8.239	1042	1046	1048	rBV4	54578	79983	1.48%	0.126%
12	8.263	1048	1050	1051	rBV	163438	122735	2.26%	0.193%
13	8.351	1062	1065	1067	rBV3	95947	101168	1.87%	0.159%
14	8.386	1067	1071	1074	rVV	764197	622200	11.47%	0.979%
15	8.427	1074	1078	1079	rBV	113257	112739	2.08%	0.177%
16	8.469	1082	1085	1087	rVB	446910	369625	6.82%	0.581%
17	8.504	1088	1091	1093	rBV	310054	243348	4.49%	0.383%
18	8.563	1098	1101	1103	rVV	1185739	924344	17.05%	1.454%
19	8.592	1103	1106	1109	rVB2	405405	345260	6.37%	0.543%
20	8.622	1109	1111	1114	rBV2	124390	124518	2.30%	0.196%
21	8.722	1122	1128	1131	rVB	5069576	5422488	100.00%	8.529%
22	8.816	1139	1144	1148	rBV	3278697	3460198	63.81%	5.443%
23	8.880	1152	1155	1157	rBV2	260075	262027	4.83%	0.412%
24	8.963	1165	1169	1171	rVB4	224375	220274	4.06%	0.346%
25	8.998	1171	1175	1177	rBV2	252622	280999	5.18%	0.442%
26	9.027	1177	1180	1182	rVB	237127	198179	3.65%	0.312%
27	9.080	1183	1189	1192	rBV	4278856	4656965	85.88%	7.325%
28	9.116	1192	1195	1197	rBV4	148778	130461	2.41%	0.205%
29	9.163	1198	1203	1204	rBV2	491305	684887	12.63%	1.077%
30	9.222	1208	1213	1216	rVV3	432765	720788	13.29%	1.134%
31	9.274	1219	1222	1225	rVB	608758	652367	12.03%	1.026%
32	9.345	1230	1234	1238	rVB2	990903	1458604	26.90%	2.294%
33	9.392	1239	1242	1243	rBV3	302110	308823	5.70%	0.486%
34	9.416	1243	1246	1249	rVV2	1694563	1911222	35.25%	3.006%

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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 >
Peak separation: 5

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35	9.445	1249	1251	1253	rVV	1083142	906608	16.72%	1.426%
36	9.480	1253	1257	1260	rVV3	799093	1424105	26.26%	2.240%
37	9.510	1260	1262	1264	rVV2	434564	536877	9.90%	0.844%
38	9.533	1264	1266	1271	rVB2	850298	1067178	19.68%	1.679%
39	9.616	1278	1280	1283	rBV2	892904	1064751	19.64%	1.675%
40	9.669	1286	1289	1292	rVB3	1057695	993681	18.33%	1.563%
41	9.698	1292	1294	1297	rBV2	460710	545225	10.05%	0.858%
42	9.739	1297	1301	1302	rBV2	1622705	1598253	29.47%	2.514%
43	9.763	1302	1305	1308	rVV2	1753574	2167925	39.98%	3.410%
44	9.798	1309	1311	1314	rVV2	476454	507594	9.36%	0.798%
45	9.939	1331	1335	1337	rBV3	787038	1132234	20.88%	1.781%
46	9.963	1337	1339	1341	rVB2	918833	695539	12.83%	1.094%
47	9.986	1341	1343	1347	rBV3	608222	626097	11.55%	0.985%
48	10.027	1347	1350	1352	rBV2	882772	823554	15.19%	1.295%
49	13.886	2003	2006	2012	rVB	1045681	1141906	21.06%	1.796%
50	15.286	2240	2244	2253	rVB	658888	865666	15.96%	1.362%
51	15.721	2314	2318	2322	rBV2	77120	114092	2.10%	0.179%
52	15.768	2322	2326	2331	rVV4	78799	135081	2.49%	0.212%
53	15.827	2332	2336	2346	rVB7	70089	166953	3.08%	0.263%
54	16.186	2394	2397	2409	rVB6	48604	97531	1.80%	0.153%

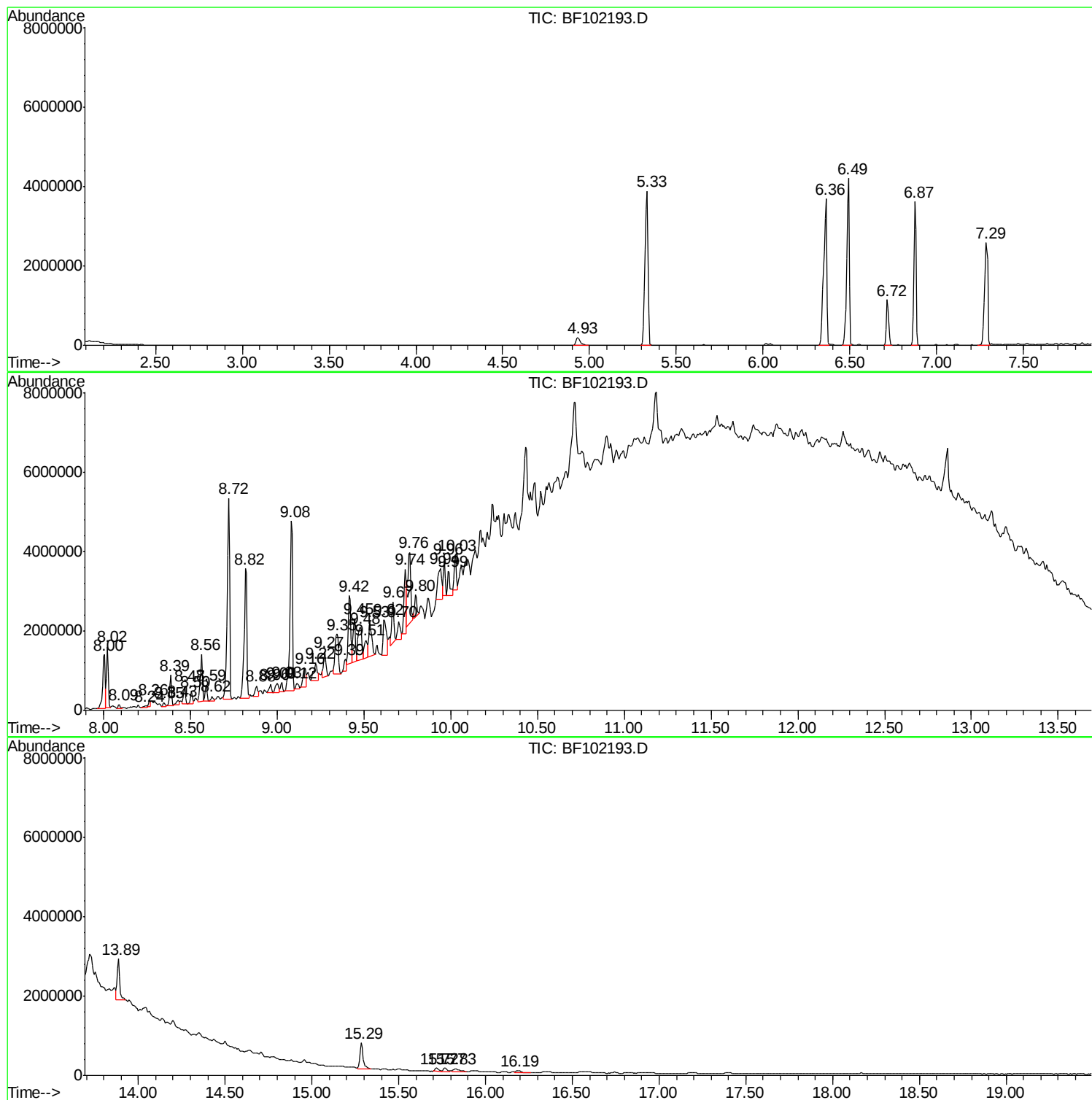
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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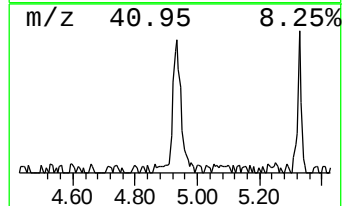
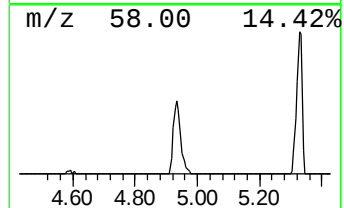
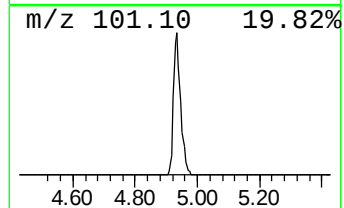
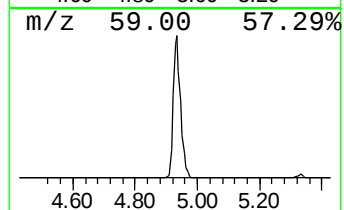
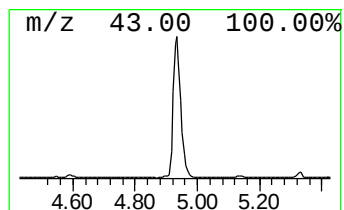
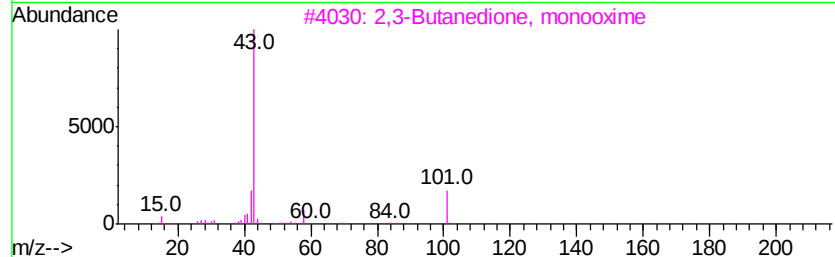
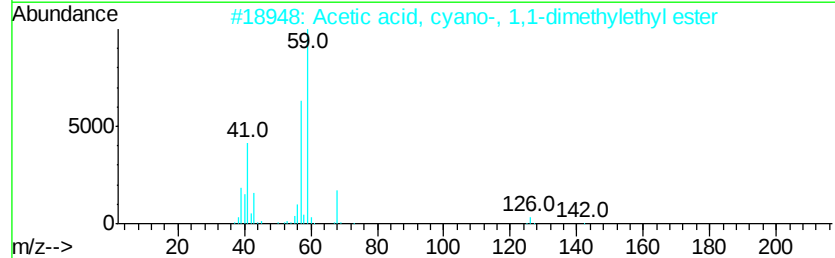
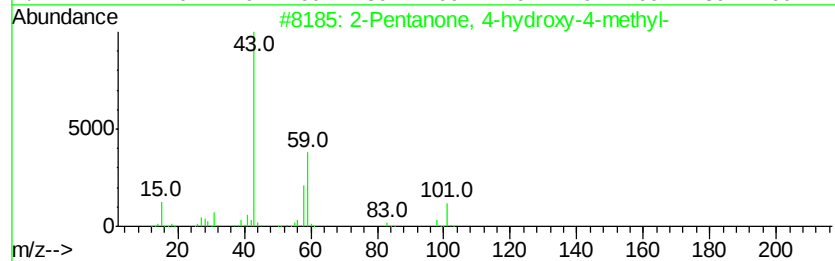
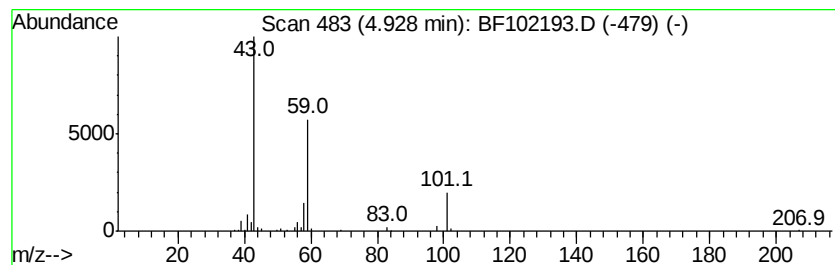
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	6.71 ng	318511	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



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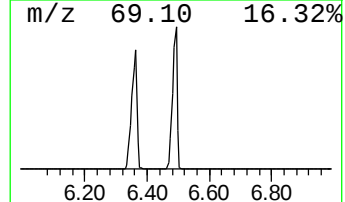
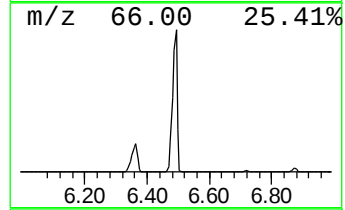
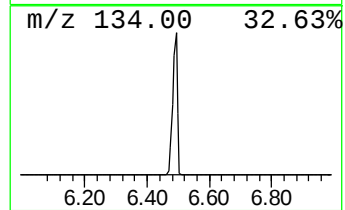
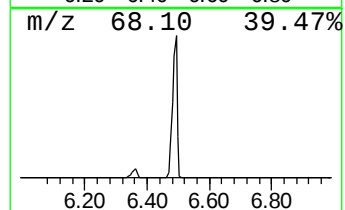
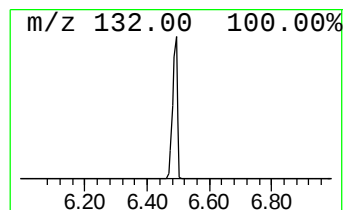
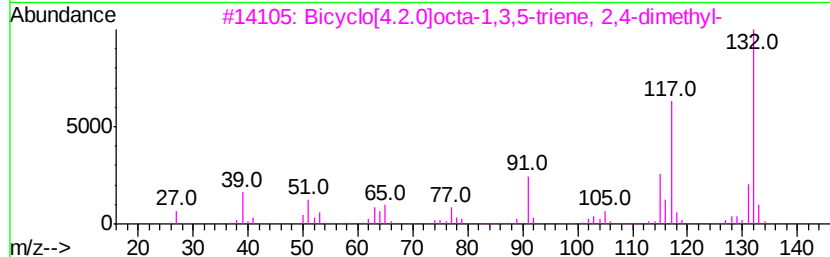
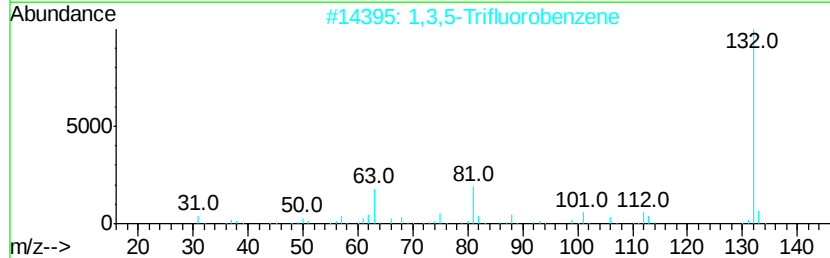
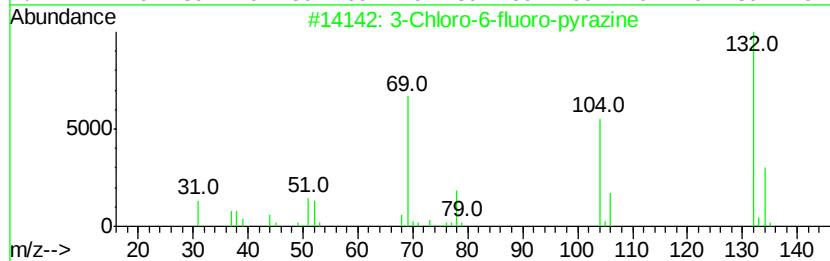
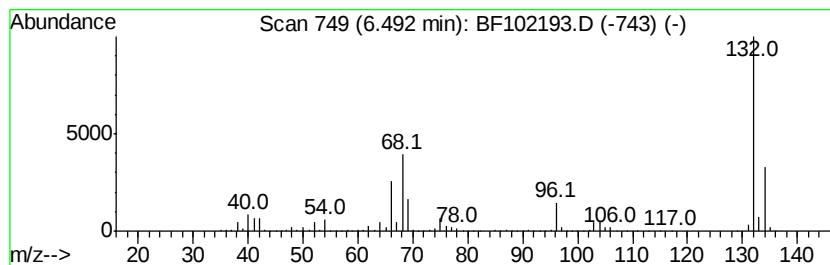
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	93.15 ng	4421800	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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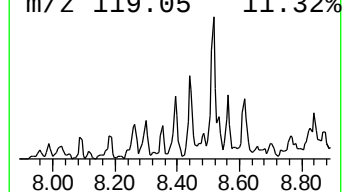
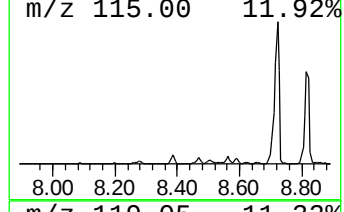
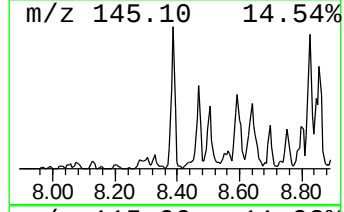
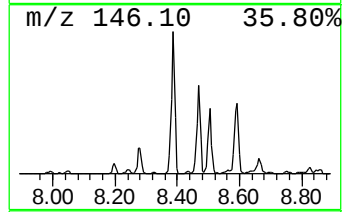
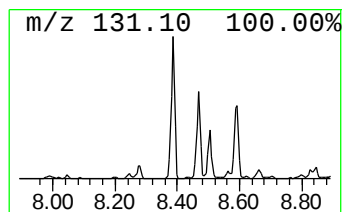
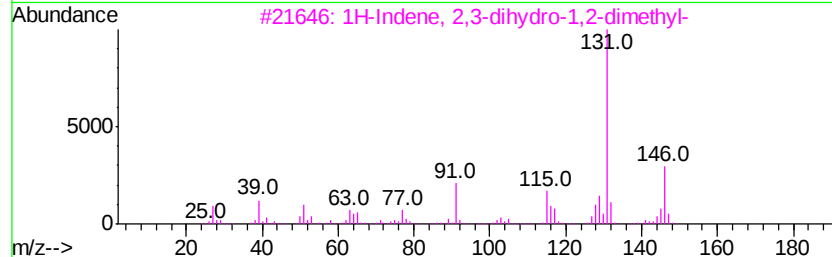
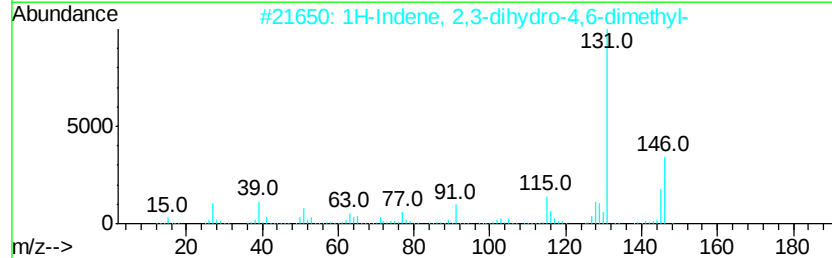
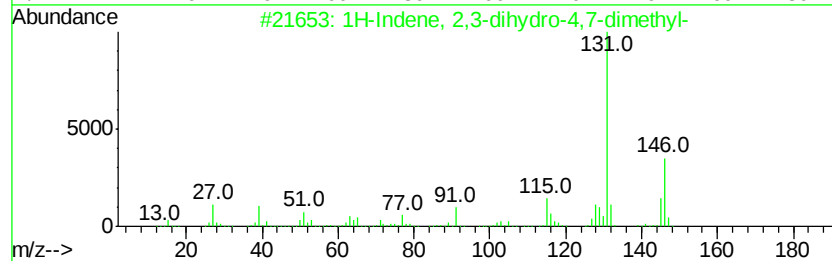
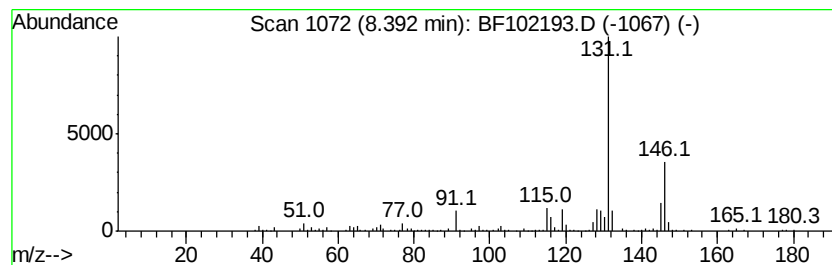
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	8.66 ng	622200	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
3		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91



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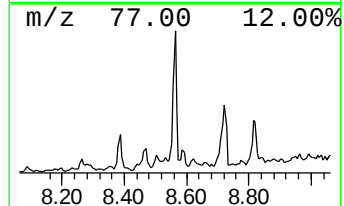
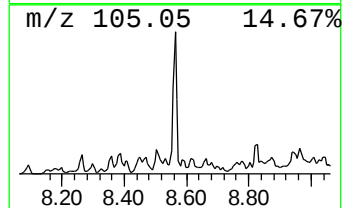
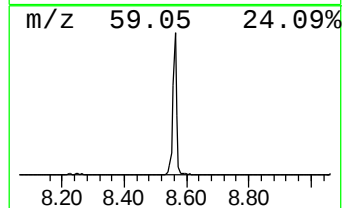
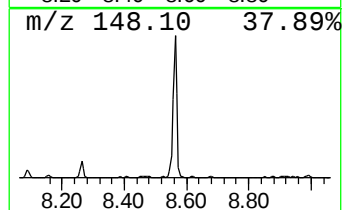
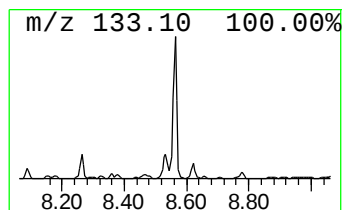
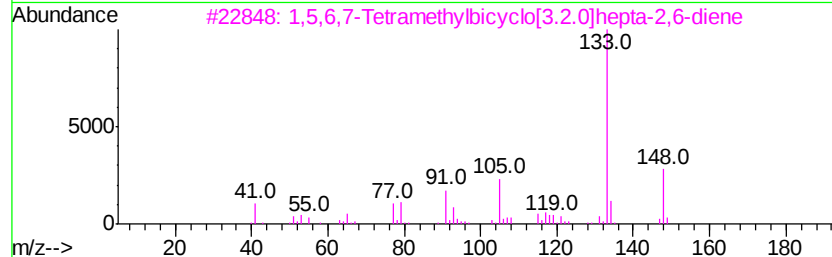
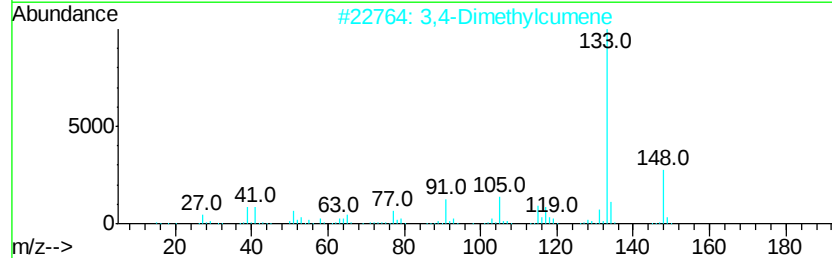
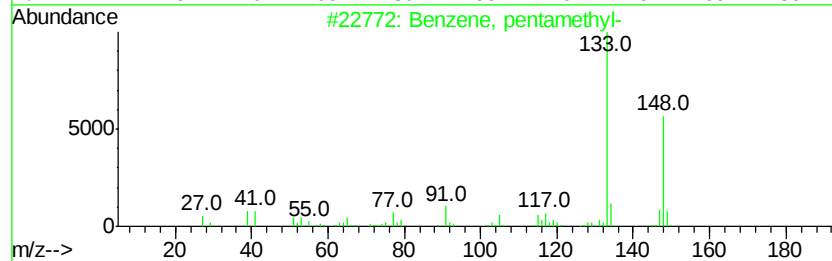
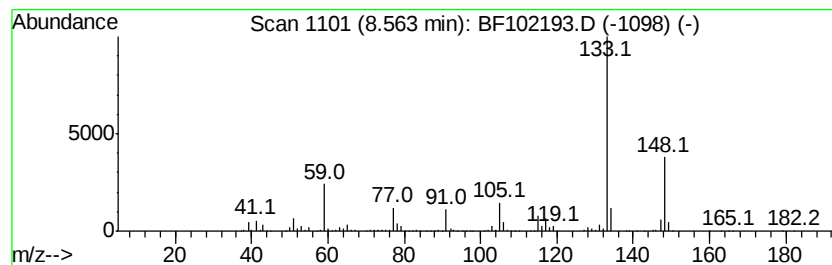
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Benzene, pentamethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	12.87 ng	924344	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, pentamethyl-	148	C11H16	000700-12-9	93
2		3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
3		1,5,6,7-Tetramethylbicyclo[3.2.0]hepta-2,6-diene	148	C11H16	134329-46-7	83
4		Benzene, 2,4-dimethyl-1-(1-methyl-2-propenyl)-	148	C11H16	004706-89-2	81
5		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	81



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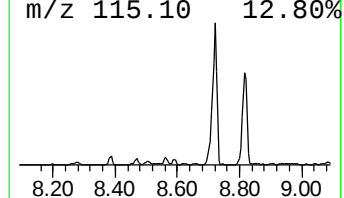
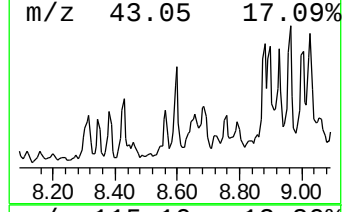
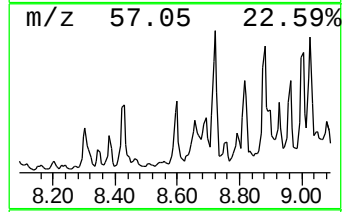
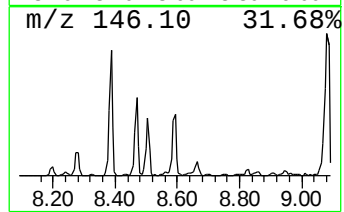
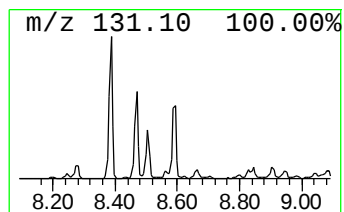
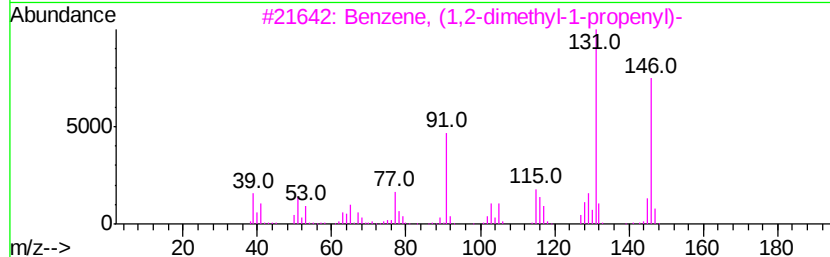
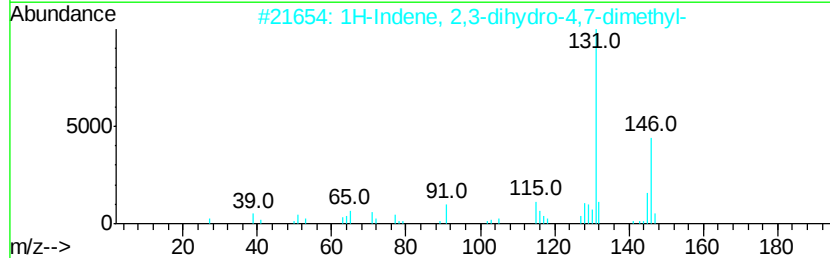
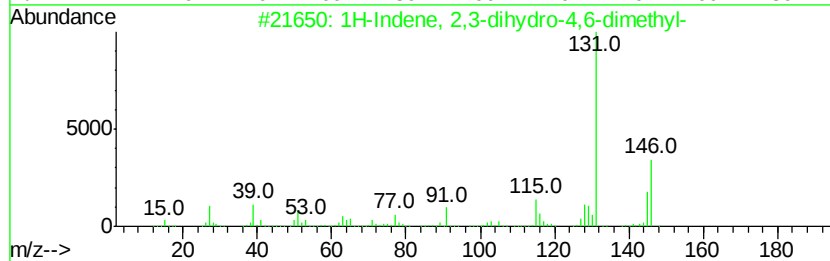
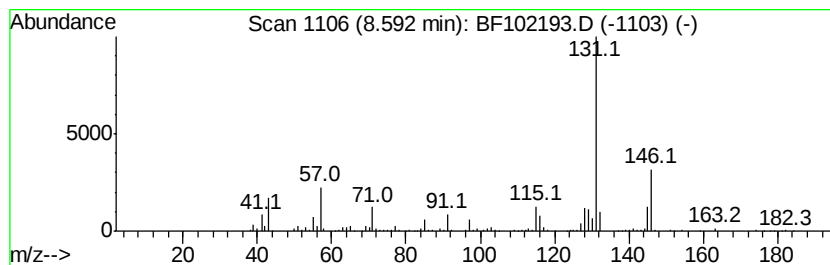
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	4.81 ng	345260	Naphthalene-d8	8.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011818\
Data File : BF102193.D
Acq On : 18 Jan 2018 16:04
Operator : SJ/JU
Sample : J1151-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OIL-GRAVEL

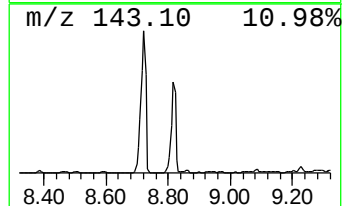
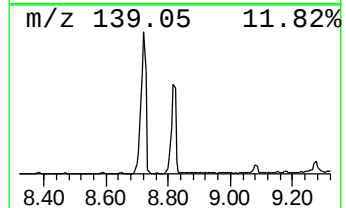
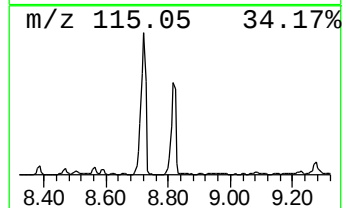
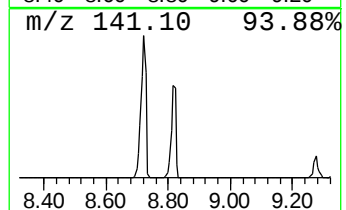
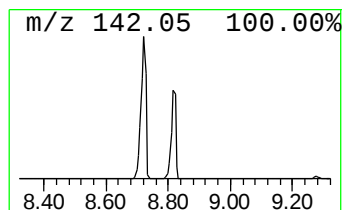
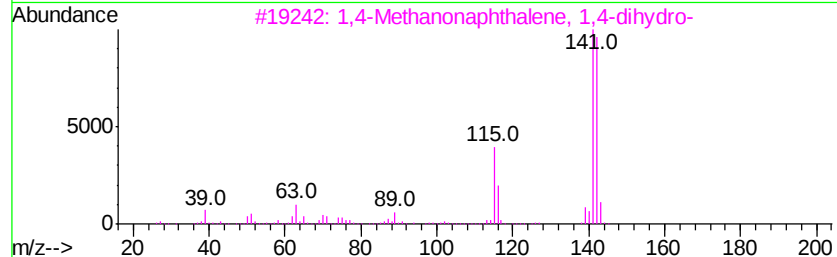
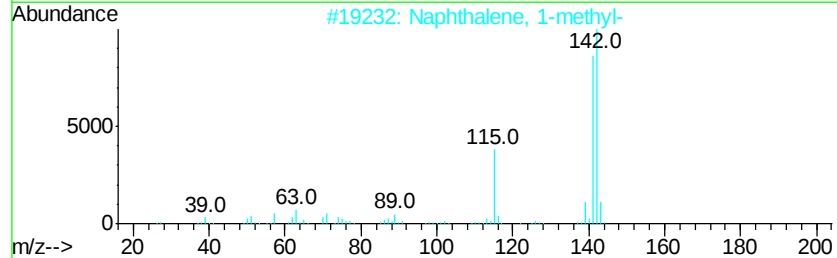
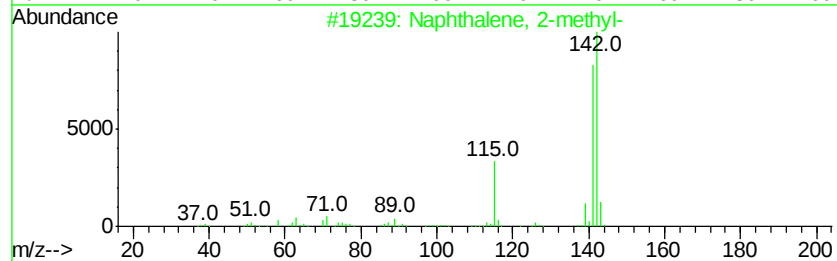
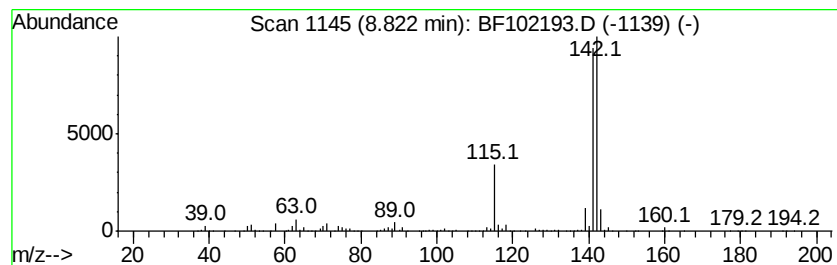
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	48.17 ng	3460200	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102193.D
Acq On : 18 Jan 2018 16:04
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Sample : J1151-01
Misc :
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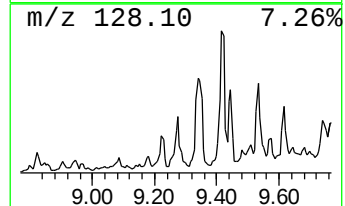
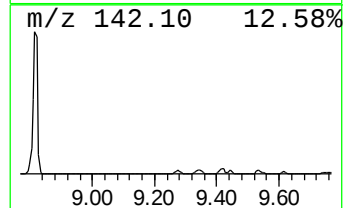
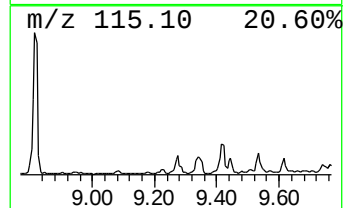
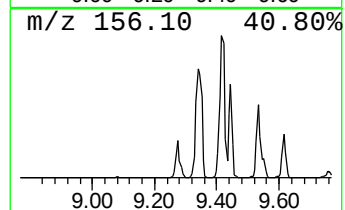
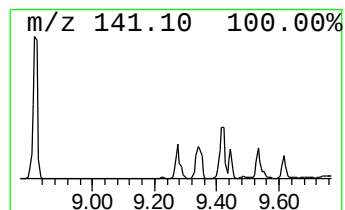
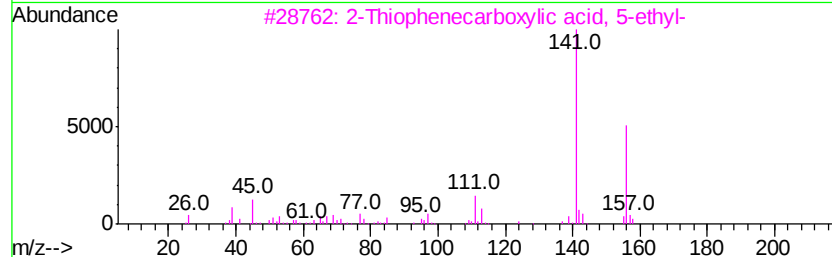
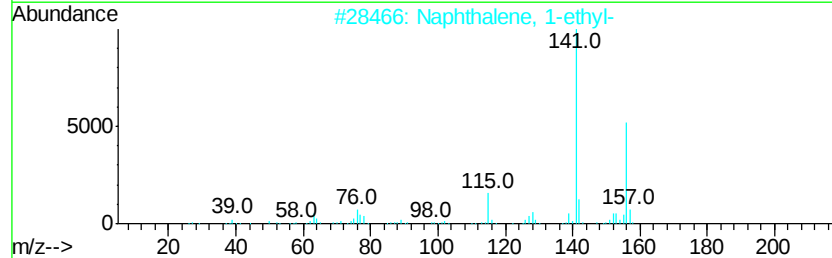
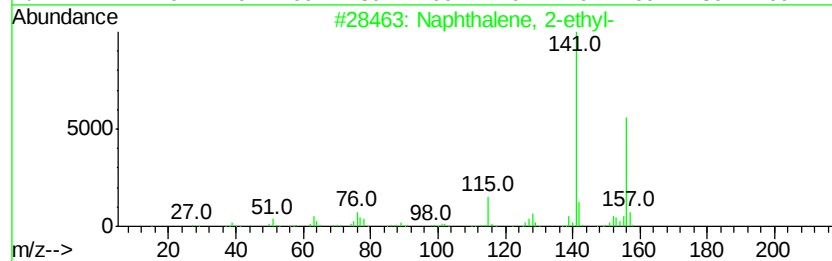
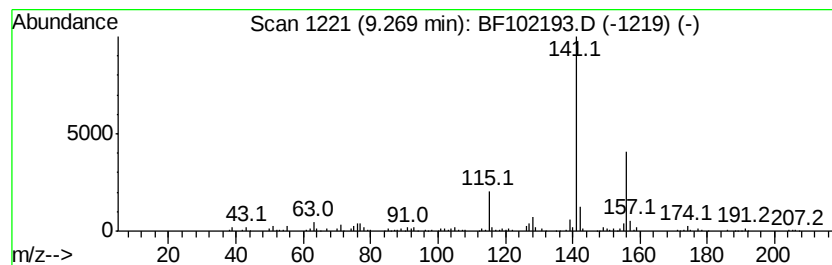
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ClientSampleId :
OIL-GRAVEL

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 9 Naphthalene, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	6.02 ng	652367	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94
3		2-Thiophenecarboxylic acid, 5-et...	156 C7H8O2S	023229-72-3 72
4		3',4'-Difluoroacetophenone	156 C8H6F2O	000369-33-5 64
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 58



Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102193.D
Acq On : 18 Jan 2018 16:04
Operator : SJ/JU
Sample : J1151-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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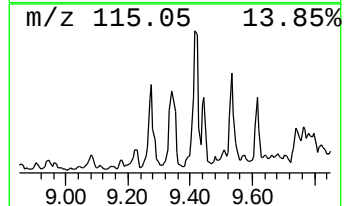
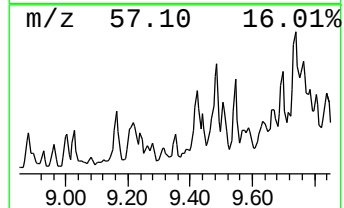
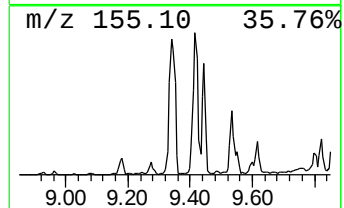
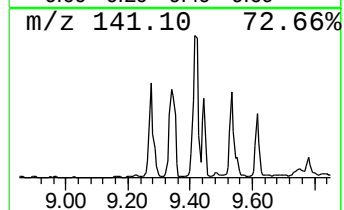
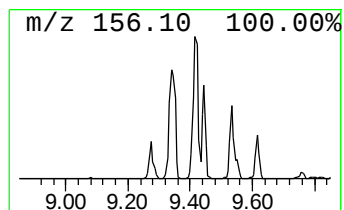
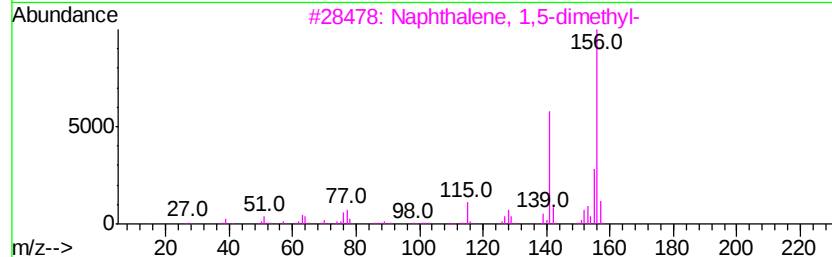
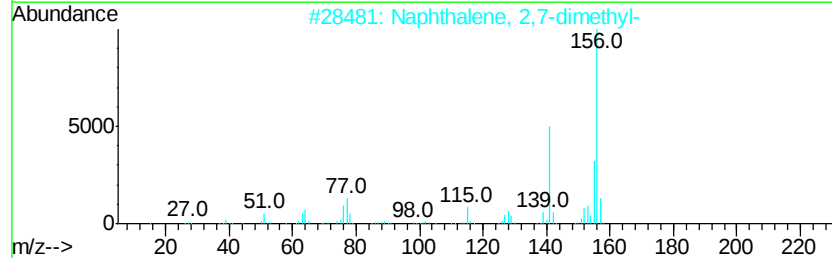
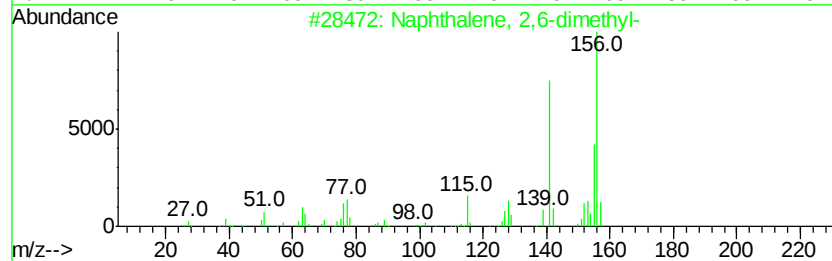
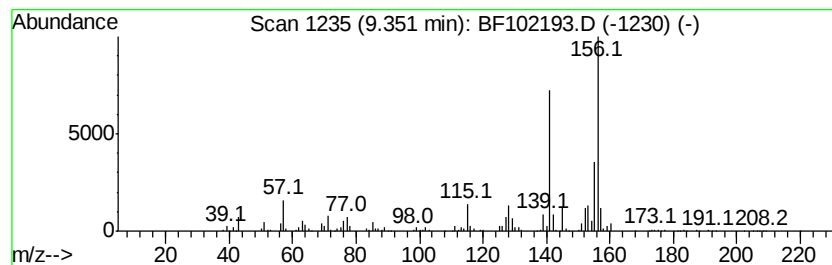
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	13.46 ng	1458600	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011818\
Data File : BF102193.D
Acq On : 18 Jan 2018 16:04
Operator : SJ/JU
Sample : J1151-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OIL-GRAVEL

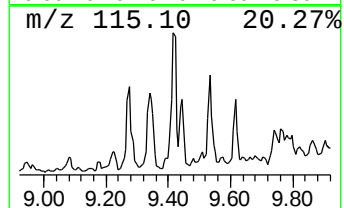
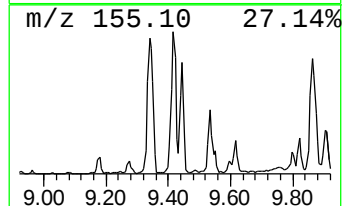
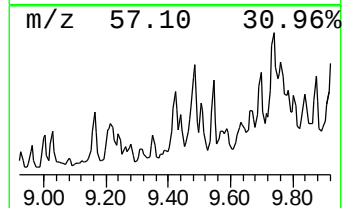
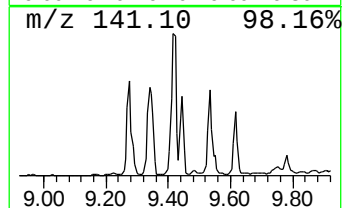
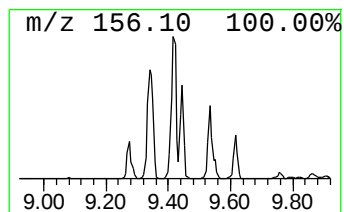
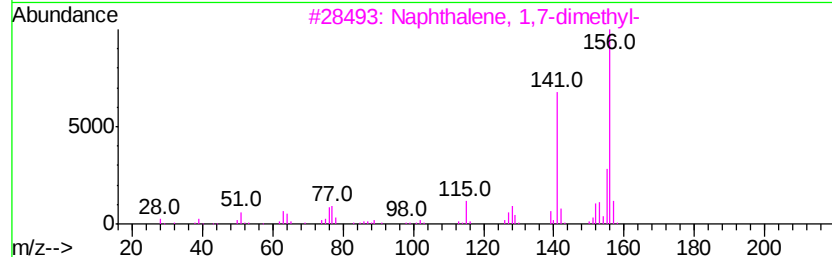
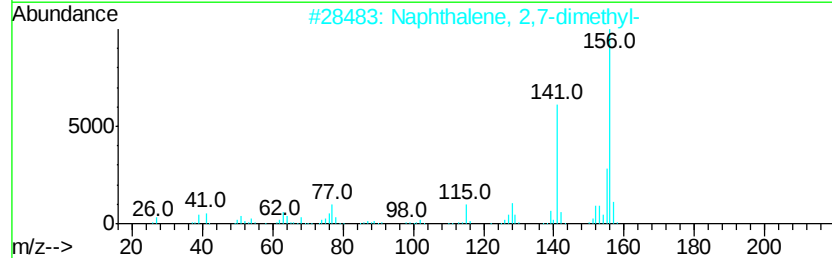
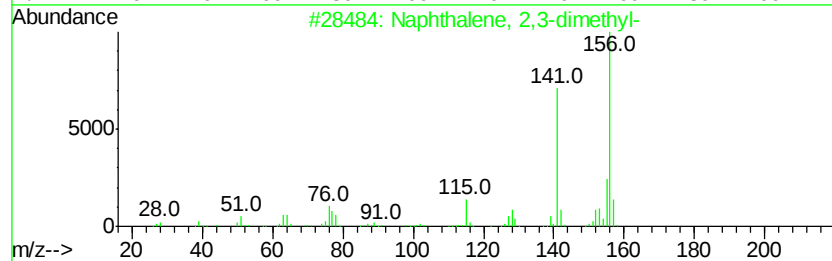
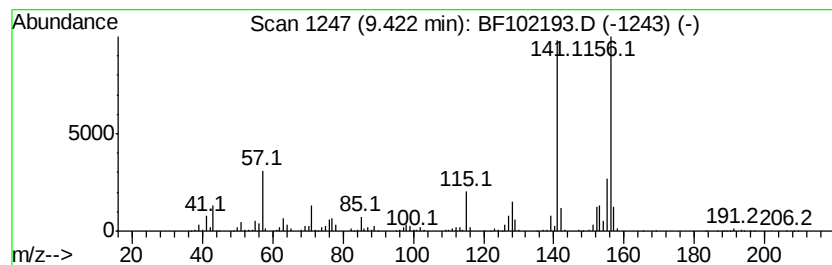
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	17.63 ng	1911220	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011818\
Data File : BF102193.D
Acq On : 18 Jan 2018 16:04
Operator : SJ/JU
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OIL-GRAVEL

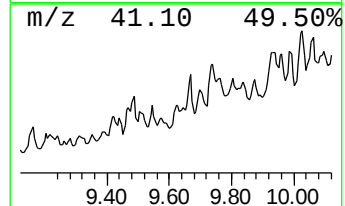
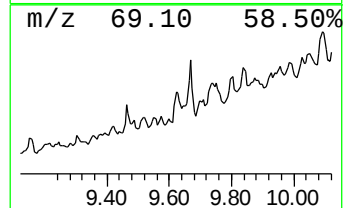
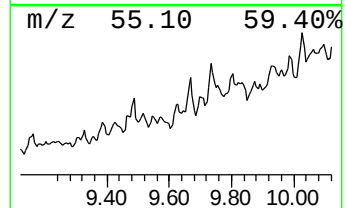
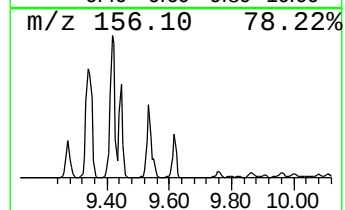
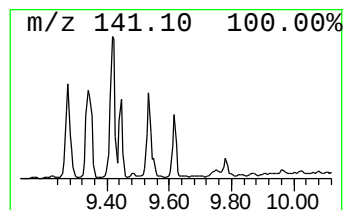
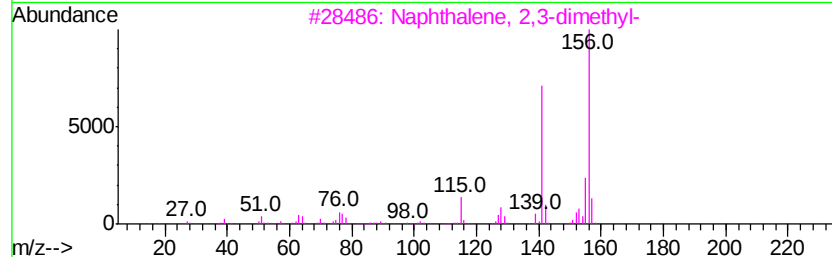
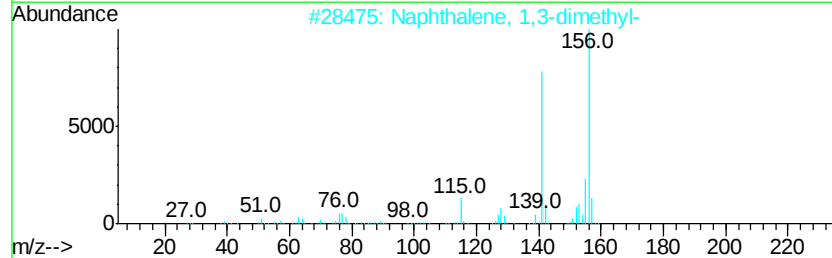
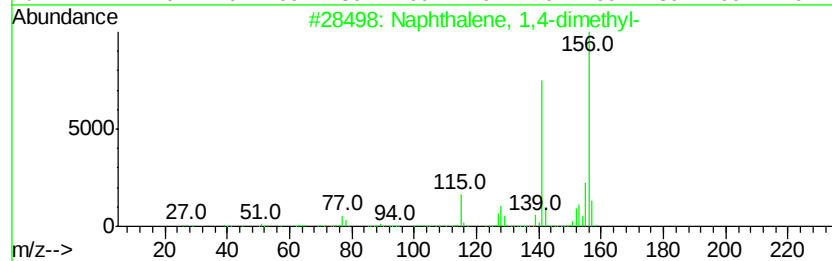
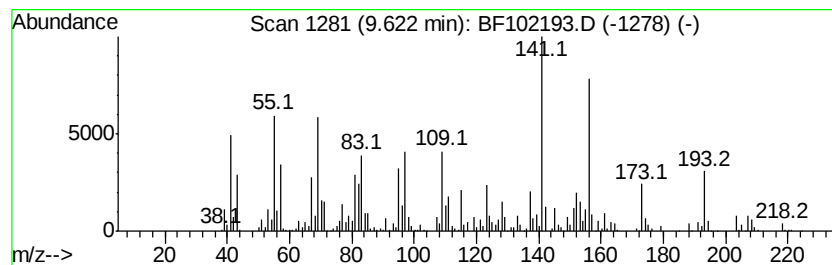
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	9.82 ng	1064750	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81



Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102193.D
Acq On : 18 Jan 2018 16:04
Operator : SJ/JU
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OIL-GRAVEL

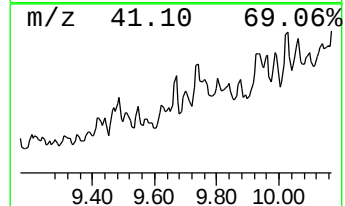
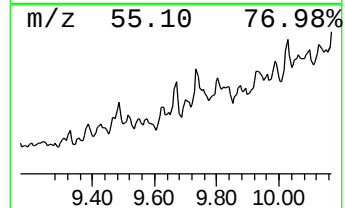
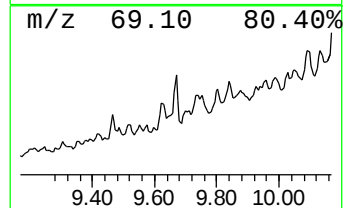
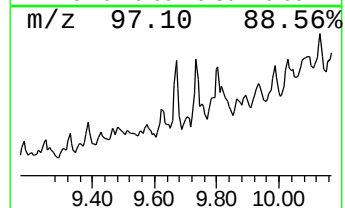
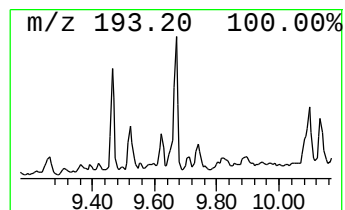
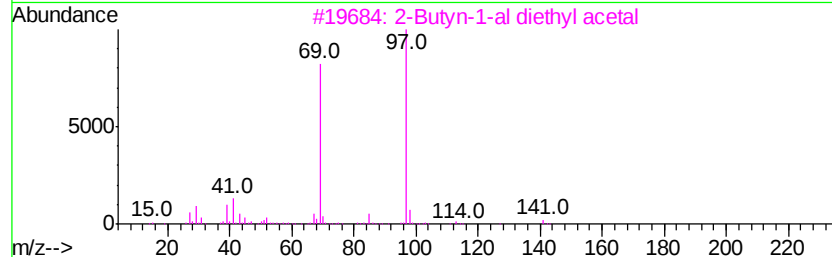
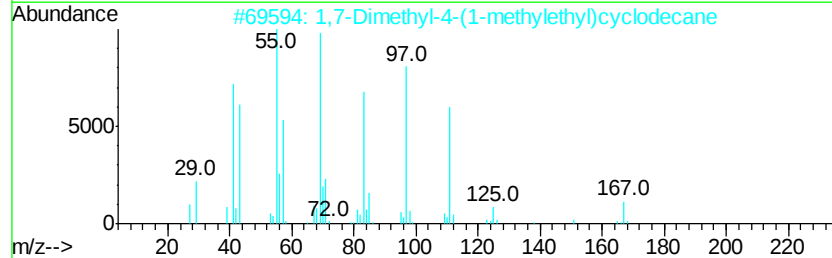
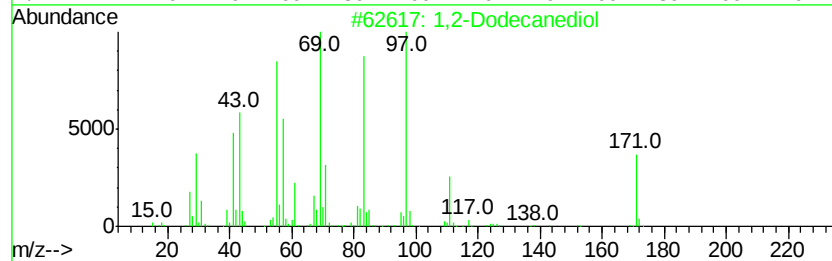
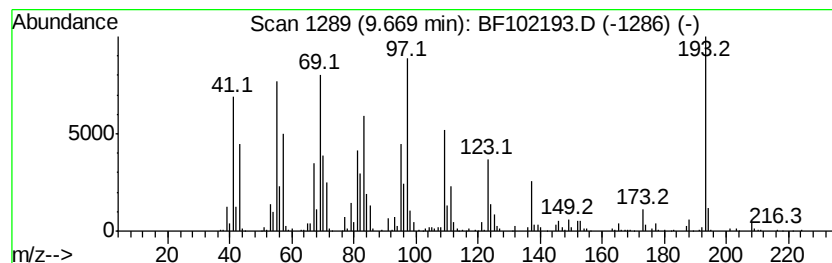
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.67 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	9.17 ng	993681	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Dodecanediol	202	C12H26O2	001119-87-5	35
2			1,7-Dimethyl-4-(1-methylethyl)cyclohexane	210	C15H30	000645-10-3	27
3			2-Butyn-1-ol diethyl acetal	142	C8H14O2	002806-97-5	27
4			Cyclohexane, 1-(cyclohexylmethyl)-	208	C15H28	054934-92-8	25
5			Cyclohexane, 1-(cyclohexylmethyl)-	194	C14H26	054823-96-0	18



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011818\
Data File : BF102193.D
Acq On : 18 Jan 2018 16:04
Operator : SJ/JU
Sample : J1151-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OIL-GRAVEL

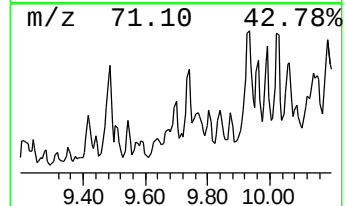
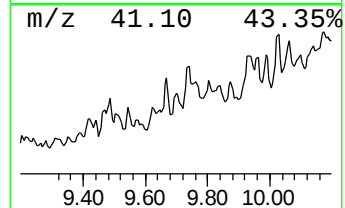
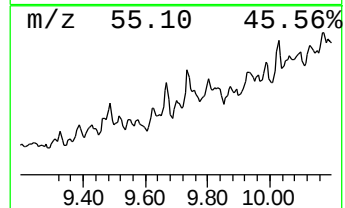
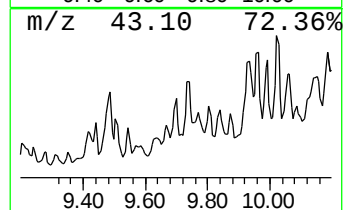
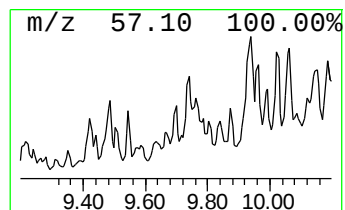
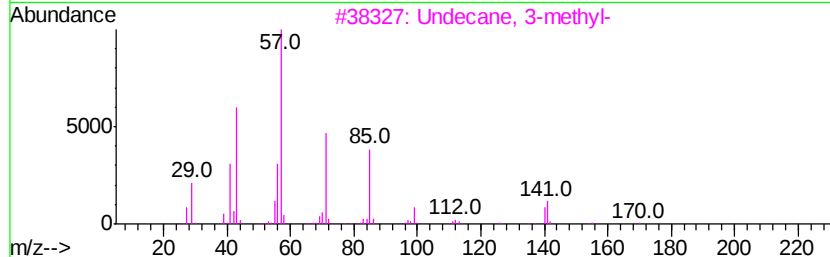
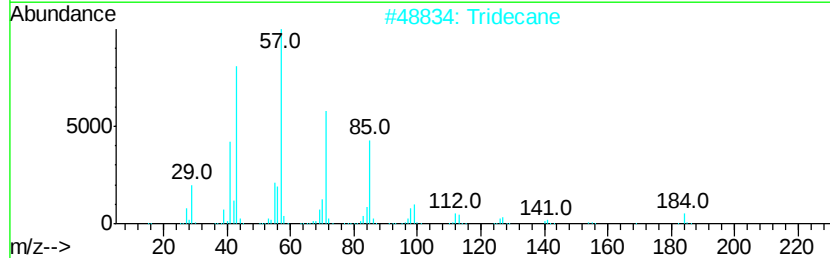
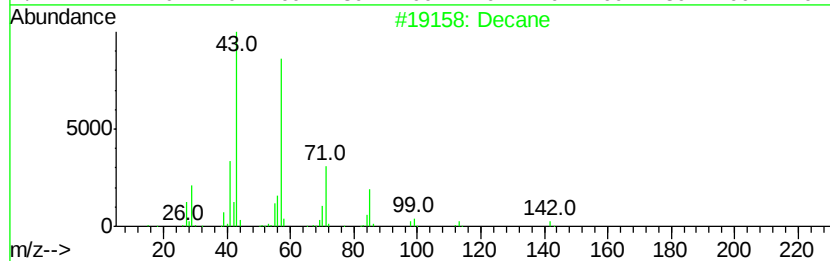
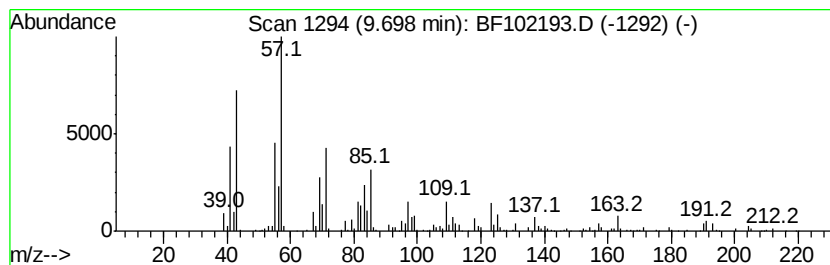
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Decane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	5.03 ng	545225	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	64
2	Tridecane			184	C13H28	000629-50-5	49
3	Undecane, 3-methyl-			170	C12H26	001002-43-3	49
4	Dodecane			170	C12H26	000112-40-3	49
5	n-Tetracosanol-1			354	C24H50O	000506-51-4	49



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011818\
Data File : BF102193.D
Acq On : 18 Jan 2018 16:04
Operator : SJ/JU
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Misc :
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ClientSampleId :
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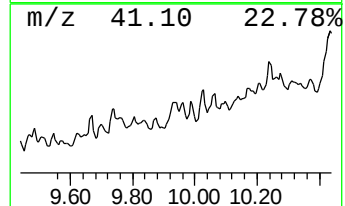
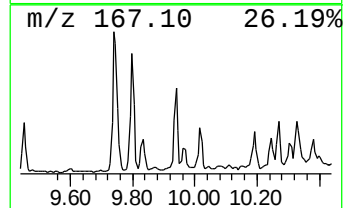
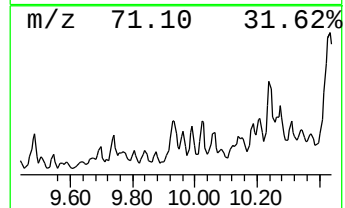
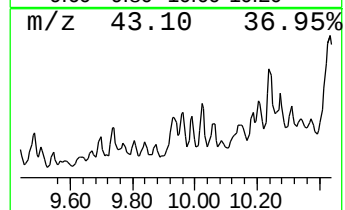
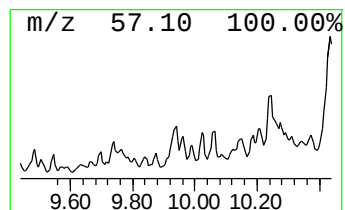
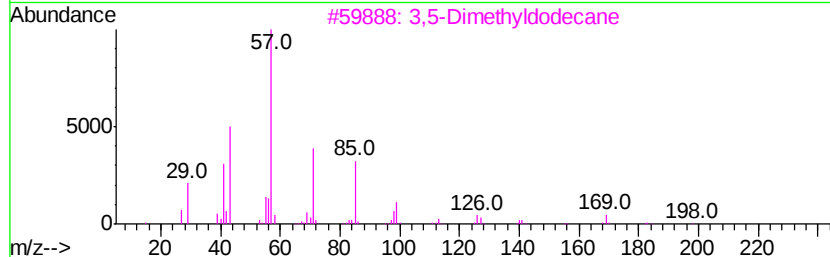
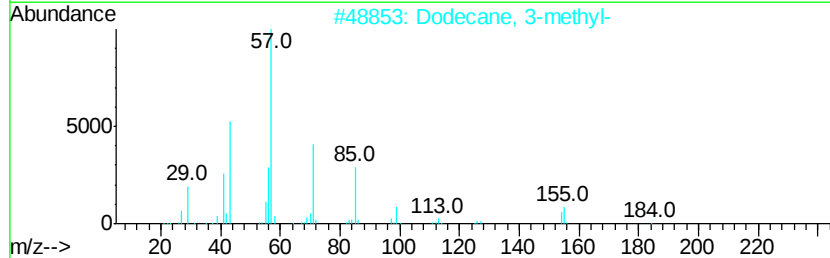
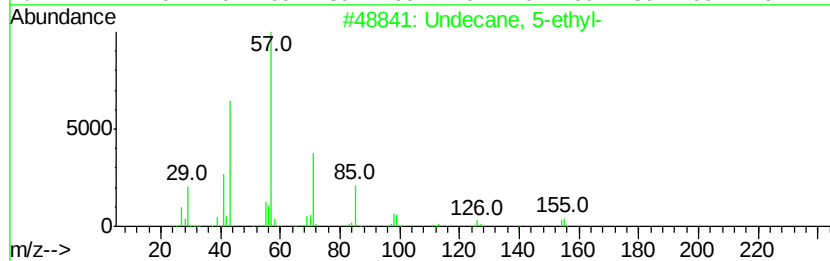
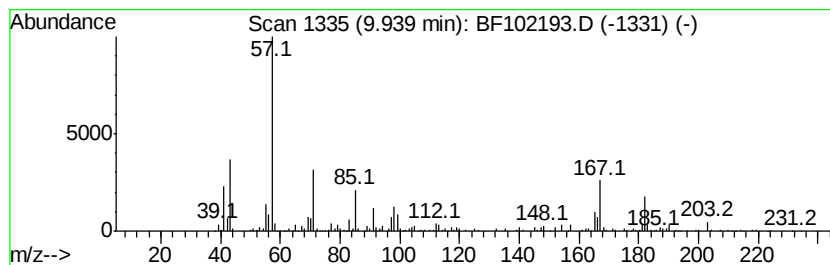
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown9.94 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	10.45 ng	1132230	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	43
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	35
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	35
4		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	27
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	22



Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102193.D
Acq On : 18 Jan 2018 16:04
Operator : SJ/JU
Sample : J1151-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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BNA_F
ClientSampleId :
OIL-GRAVEL

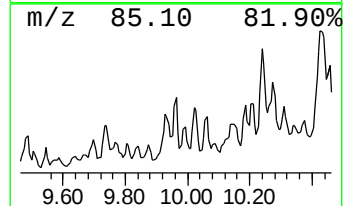
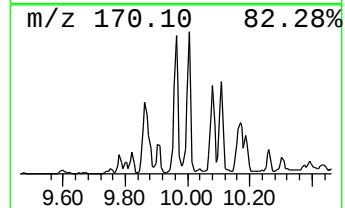
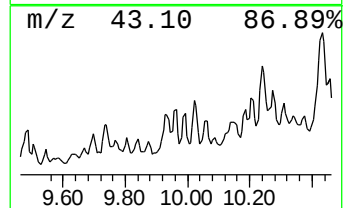
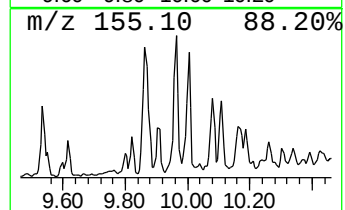
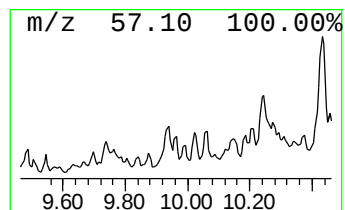
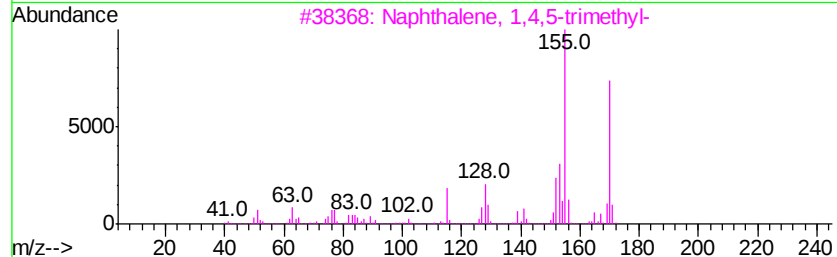
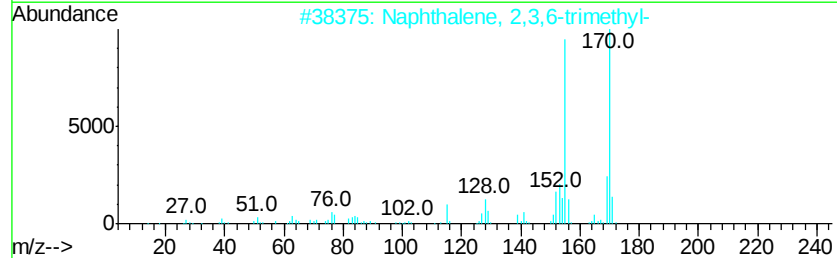
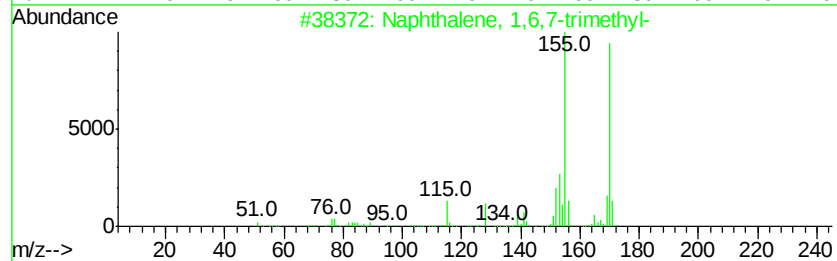
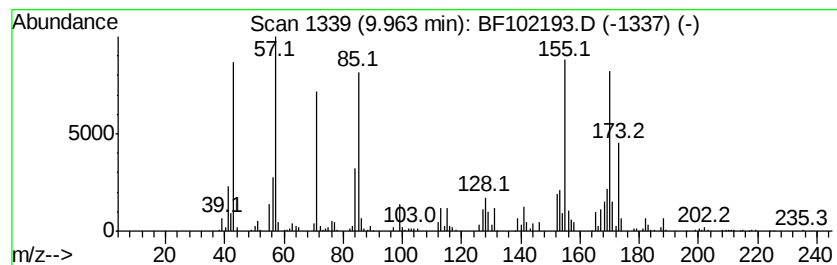
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	6.42 ng	695539	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	50
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	50
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	46



Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102193.D
Acq On : 18 Jan 2018 16:04
Operator : SJ/JU
Sample : J1151-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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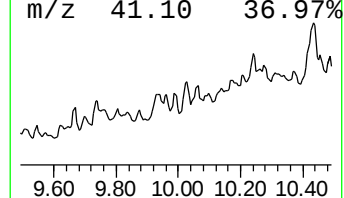
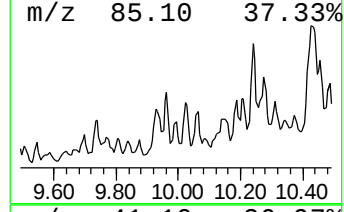
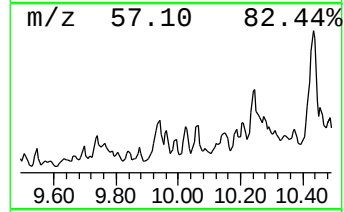
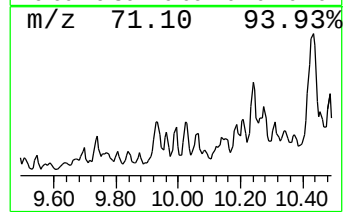
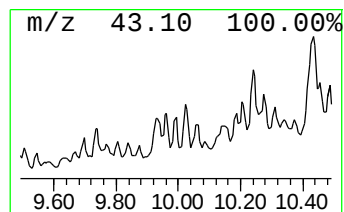
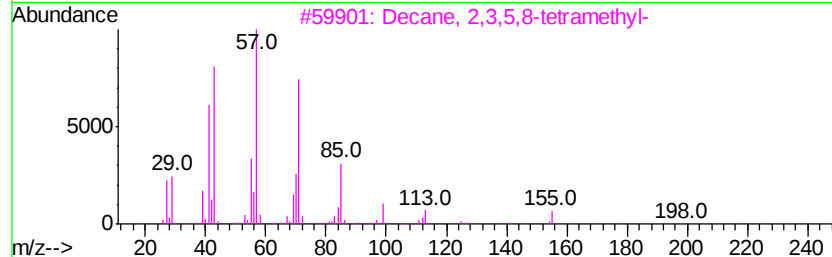
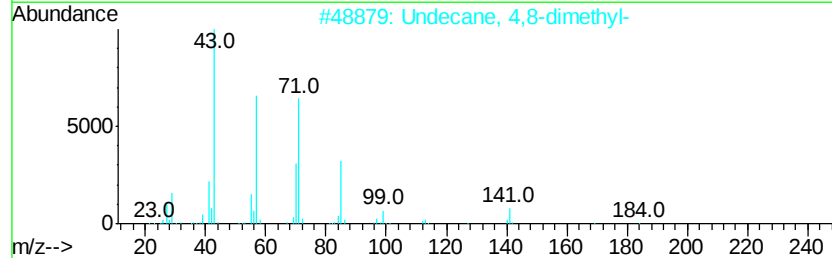
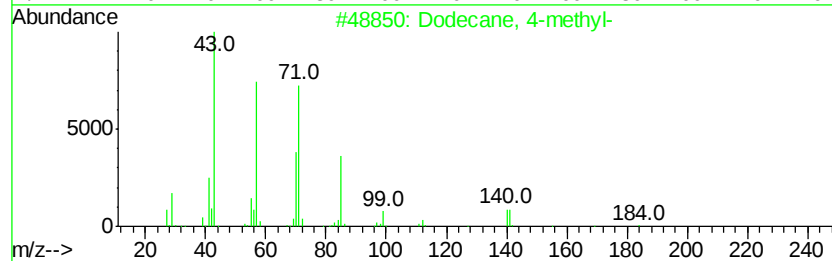
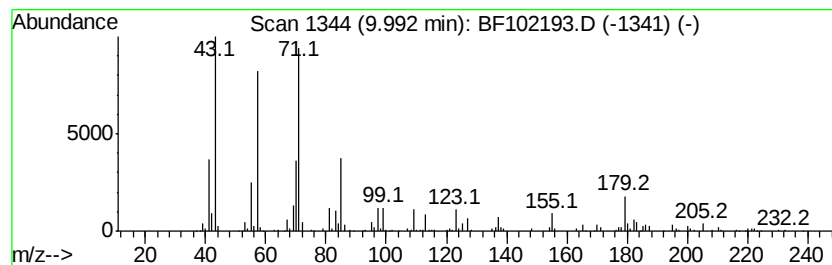
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	5.78 ng	626097	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
2			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	50
3			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	49
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	46
5			Tridecane, 4-methyl-	198	C14H30	026730-12-1	43



Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
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Acq On : 18 Jan 2018 16:04
Operator : SJ/JU
Sample : J1151-01
Misc :
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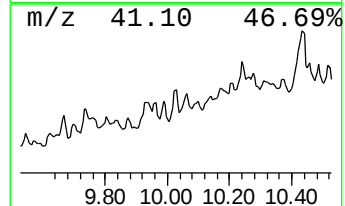
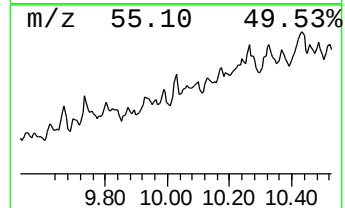
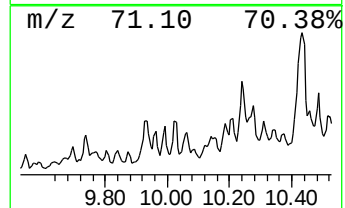
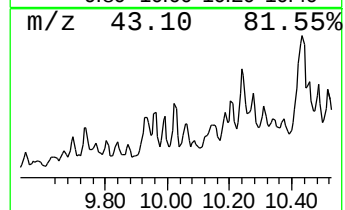
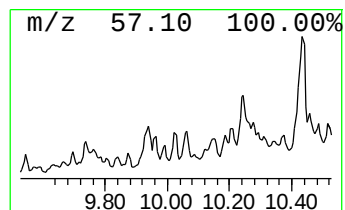
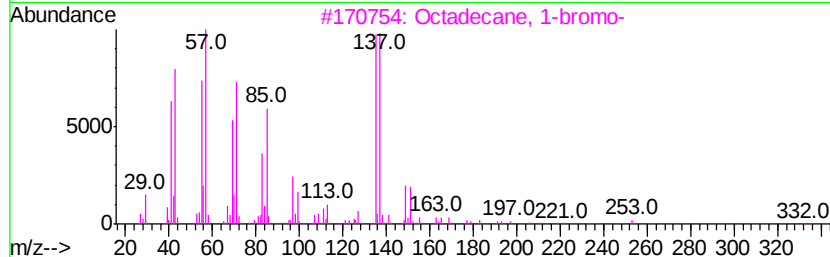
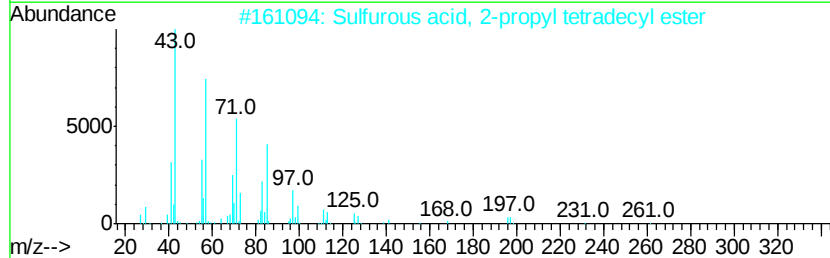
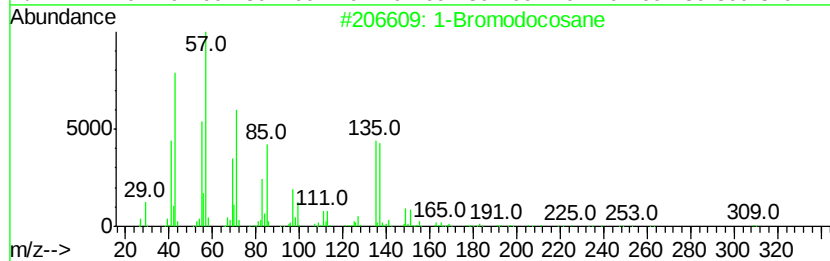
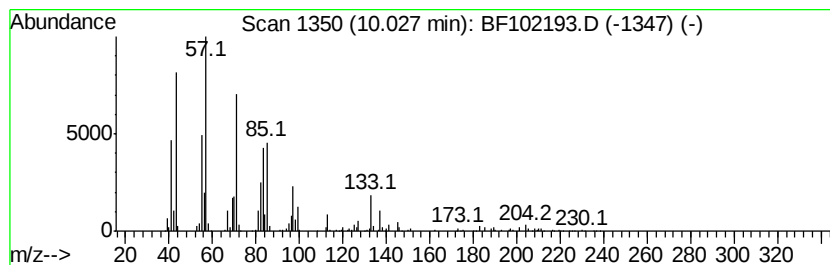
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ClientSampleId :
OIL-GRAVEL

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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 1-Bromodocosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.03	7.60 ng	823554	Acenaphthene-d10	9.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromodocosane	388	C22H45Br	006938-66-5	62
2	Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	58
3	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	58
4	Nonadecane	268	C19H40	000629-92-5	53
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	52



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011818\
Data File : BF102193.D
Acq On : 18 Jan 2018 16:04
Operator : SJ/JU
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Instrument :
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ClientSampleId :
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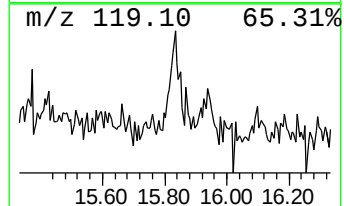
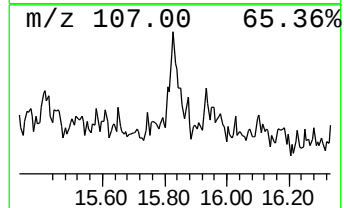
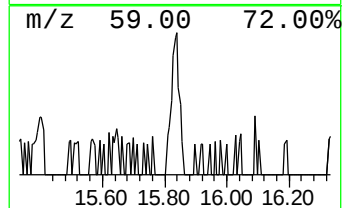
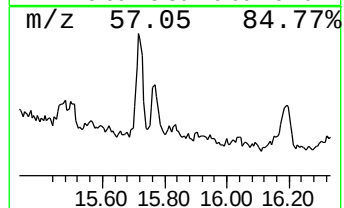
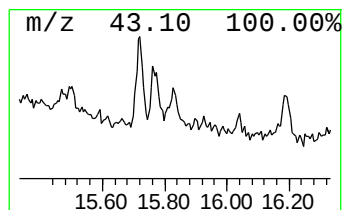
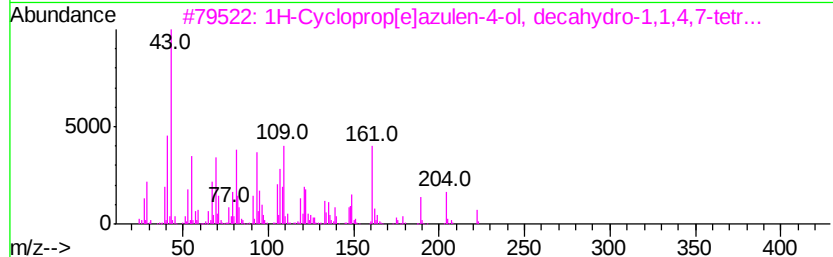
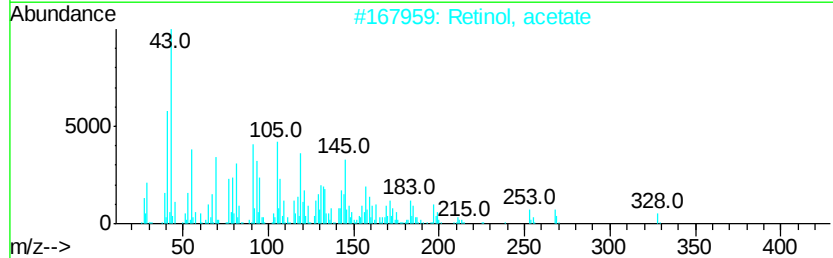
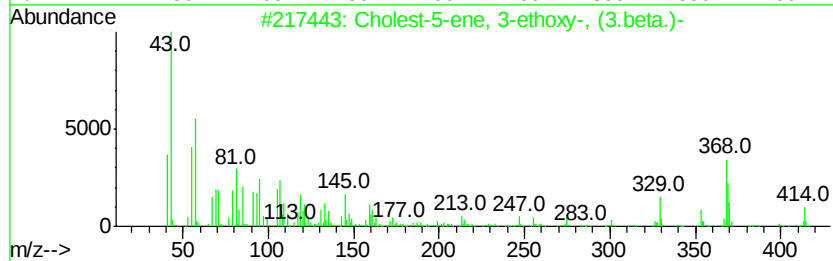
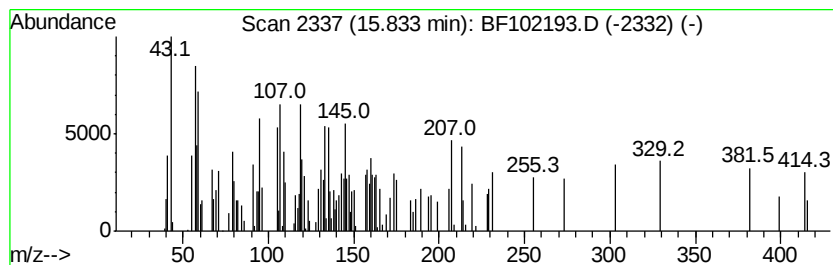
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown15.83 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	3.86 ng	166953	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholest-5-ene, 3-ethoxy-, (3.beta...	414	C29H50O	000986-19-6	14
2		Retinol, acetate	328	C22H32O2	000127-47-9	10
3		1H-Cycloprop[elazulen-4-ol, deca...	222	C15H26O	000552-02-3	10
4		N-Methyl-4-oxo-4,N-diphenyl-buty...	267	C17H17NO2	181872-71-9	10
5		p-Acrylotoluidide	161	C10H11NO	007766-36-1	9



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011818\
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 Acq On : 18 Jan 2018 16:04
 Operator : SJ/JU
 Sample : J1151-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-GRAVEL

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
2-Pentanone, 4-hy...	4.93	6.7	ng	318511	1	6.72	949391	20.0
unknown6.49	6.49	93.2	ng	4421800	1	6.72	949391	20.0
1H-Indene, 2,3-di...	8.39	8.7	ng	622200	2	8.00	1436530	20.0
Benzene, pentamet...	8.56	12.9	ng	924344	2	8.00	1436530	20.0
1H-Indene, 2,3-di...	8.59	4.8	ng	345260	2	8.00	1436530	20.0
Naphthalene, 1-me...	8.82	48.2	ng	3460200	2	8.00	1436530	20.0
Naphthalene, 2-et...	9.27	6.0	ng	652367	3	9.76	2167930	20.0
Naphthalene, 2,6-...	9.35	13.5	ng	1458600	3	9.76	2167930	20.0
Naphthalene, 2,3-...	9.42	17.6	ng	1911220	3	9.76	2167930	20.0
Naphthalene, 1,4-...	9.62	9.8	ng	1064750	3	9.76	2167930	20.0
unknown9.67	9.67	9.2	ng	993681	3	9.76	2167930	20.0
Decane	9.70	5.0	ng	545225	3	9.76	2167930	20.0
unknown9.94	9.94	10.4	ng	1132230	3	9.76	2167930	20.0
Naphthalene, 1,6,...	9.96	6.4	ng	695539	3	9.76	2167930	20.0
Dodecane, 4-methyl-	9.99	5.8	ng	626097	3	9.76	2167930	20.0
1-Bromodocosane	10.03	7.6	ng	823554	3	9.76	2167930	20.0
unknown15.83	15.83	3.9	ng	166953	6	15.29	865666	20.0