

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
 Data File : BF076778.D
 Acq On : 8 Jan 2015 16:22
 Operator : IZ / TP
 Sample : G1020-01
 Misc : W DOD
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0405

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-BF121714.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	1.498	35	36	46	rBV	29827	63070	4.10%	0.280%
2	1.738	54	57	61	rVB	34544	48262	3.14%	0.215%
3	4.298	278	281	290	rBV	42930	92061	5.99%	0.409%
4	5.201	357	360	372	rVV	247414	456150	29.68%	2.028%
5	7.510	559	562	568	rBV	158802	291161	18.94%	1.295%
6	7.625	568	572	580	rVB	601050	930214	60.52%	4.136%
7	8.127	613	616	620	rBV	139508	231999	15.09%	1.032%
8	8.459	641	645	648	rBV	485919	841291	54.73%	3.741%
9	8.630	657	660	665	rBV	108574	189654	12.34%	0.843%
10	8.745	668	670	673	rVB	37236	57215	3.72%	0.254%
11	9.156	702	706	710	rBV	147299	269160	17.51%	1.197%
12	9.328	719	721	726	rVB	117862	198731	12.93%	0.884%
13	9.430	726	730	733	rBV	398730	718359	46.73%	3.194%
14	9.545	738	740	742	rBV	51262	74783	4.87%	0.333%
15	9.602	742	745	748	rVV3	29705	60597	3.94%	0.269%
16	9.716	751	755	756	rVV3	58989	160073	10.41%	0.712%
17	9.888	767	770	772	rBV3	28163	68190	4.44%	0.303%
18	9.933	772	774	776	rVV	34907	54006	3.51%	0.240%
19	10.059	783	785	788	rBV3	31356	60996	3.97%	0.271%
20	10.128	788	791	797	rVB3	89269	206825	13.46%	0.920%
21	10.391	811	814	818	rVB4	66308	170592	11.10%	0.759%
22	10.459	818	820	823	rBV3	37973	74634	4.86%	0.332%
23	10.608	828	833	839	rVB7	28062	128753	8.38%	0.573%
24	10.722	839	843	846	rBV3	97505	196663	12.79%	0.874%
25	10.905	857	859	861	rVV2	34833	61602	4.01%	0.274%
26	10.962	861	864	866	rVV2	40111	77395	5.04%	0.344%
27	11.042	868	871	876	rVV2	259418	431165	28.05%	1.917%
28	11.145	876	880	881	rVV3	47809	116530	7.58%	0.518%
29	11.179	881	883	886	rVV2	53944	106867	6.95%	0.475%
30	11.442	904	906	909	rVB	31850	50303	3.27%	0.224%
31	11.499	909	911	913	rBV2	37180	74846	4.87%	0.333%
32	11.602	916	920	923	rVB3	49859	141383	9.20%	0.629%
33	11.796	934	937	940	rVV3	49940	142604	9.28%	0.634%
34	11.876	940	944	946	rVV5	38007	93902	6.11%	0.418%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
 Data File : BF076778.D
 Acq On : 8 Jan 2015 16:22
 Operator : IZ / TP
 Sample : G1020-01
 Misc : W DOD
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0405

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-BF121714.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.934	946	949	951	rVV4	37158	73503	4.78%	0.327%
36	12.014	954	956	960	rVB2	32275	60781	3.95%	0.270%
37	12.094	960	963	968	rBV4	54230	160446	10.44%	0.713%
38	12.208	968	973	976	rBV3	72706	194098	12.63%	0.863%
39	12.299	976	981	984	rVB	318058	583895	37.99%	2.596%
40	12.516	998	1000	1003	rVB	111505	186300	12.12%	0.828%
41	12.654	1005	1012	1017	rBV3	78257	268529	17.47%	1.194%
42	12.745	1017	1020	1023	rBV3	36835	65014	4.23%	0.289%
43	12.825	1023	1027	1030	rBV3	54003	140046	9.11%	0.623%
44	12.894	1030	1033	1036	rBV4	40636	106896	6.95%	0.475%
45	12.962	1036	1039	1043	rVB2	66645	142344	9.26%	0.633%
46	13.076	1043	1049	1052	rBV4	93565	356845	23.22%	1.587%
47	13.122	1052	1053	1058	rVV2	79077	138933	9.04%	0.618%
48	13.259	1062	1065	1068	rVB4	39442	102870	6.69%	0.457%
49	13.328	1068	1071	1074	rBV4	59170	167921	10.92%	0.747%
50	13.408	1074	1078	1079	rVV	139278	345742	22.49%	1.537%
51	13.488	1083	1085	1088	rVB2	62133	105951	6.89%	0.471%
52	13.602	1088	1095	1099	rBV5	88227	325978	21.21%	1.450%
53	13.694	1099	1103	1107	rVB	972707	1521562	98.99%	6.766%
54	13.785	1107	1111	1114	rVB3	78508	175651	11.43%	0.781%
55	13.968	1121	1127	1129	rBV6	39098	106447	6.93%	0.473%
56	14.048	1129	1134	1140	rBV6	92035	369085	24.01%	1.641%
57	14.128	1140	1141	1147	rVB5	51262	104645	6.81%	0.465%
58	14.242	1147	1151	1153	rBV3	60600	149301	9.71%	0.664%
59	14.334	1157	1159	1163	rVB4	31367	62673	4.08%	0.279%
60	14.460	1168	1170	1173	rBV4	31272	63462	4.13%	0.282%
61	14.562	1174	1179	1183	rVB7	72296	255478	16.62%	1.136%
62	14.665	1183	1188	1191	rBV7	40028	130250	8.47%	0.579%
63	14.791	1197	1199	1201	rBV2	75461	145010	9.43%	0.645%
64	14.825	1201	1202	1209	rVB2	156092	307841	20.03%	1.369%
65	14.962	1209	1214	1217	rBV6	38922	126521	8.23%	0.563%
66	15.111	1224	1227	1231	rBV	141829	270069	17.57%	1.201%
67	15.180	1231	1233	1237	rBV	244284	418301	27.21%	1.860%
68	15.362	1246	1249	1251	rBV2	33099	56542	3.68%	0.251%
69	15.420	1251	1254	1259	rVV6	43104	127493	8.29%	0.567%
70	15.580	1265	1268	1270	rVB2	36437	71797	4.67%	0.319%
71	15.660	1270	1275	1276	rBV5	34873	110978	7.22%	0.493%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
 Data File : BF076778.D
 Acq On : 8 Jan 2015 16:22
 Operator : IZ / TP
 Sample : G1020-01
 Misc : W DOD
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0405

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-BF121714.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.842	1282	1291	1292	rBV	196067	655413	42.64%	2.914%
73	15.865	1292	1293	1297	rVV3	82803	183545	11.94%	0.816%
74	15.945	1297	1300	1302	rVV	61782	152654	9.93%	0.679%
75	16.003	1302	1305	1307	rVV3	240553	533219	34.69%	2.371%
76	16.048	1307	1309	1310	rVV	123504	177094	11.52%	0.787%
77	16.083	1310	1312	1314	rVV3	57558	123382	8.03%	0.549%
78	16.128	1314	1316	1318	rVV2	61090	123617	8.04%	0.550%
79	16.163	1318	1319	1322	rVV3	46261	96738	6.29%	0.430%
80	16.208	1322	1323	1327	rVB4	61753	106273	6.91%	0.473%
81	16.300	1328	1331	1336	rVB6	35158	85793	5.58%	0.381%
82	16.403	1338	1340	1342	rVV2	55535	80482	5.24%	0.358%
83	16.471	1343	1346	1349	rVV3	85906	169836	11.05%	0.755%
84	16.528	1349	1351	1356	rVV3	27240	83339	5.42%	0.371%
85	16.620	1356	1359	1361	rVV3	40576	73826	4.80%	0.328%
86	16.665	1361	1363	1364	rVV2	43170	79219	5.15%	0.352%
87	16.814	1373	1376	1381	rVB	752678	1083112	70.46%	4.816%
88	16.917	1383	1385	1389	rVB4	48758	92776	6.04%	0.413%
89	16.985	1389	1391	1393	rBV	78347	106728	6.94%	0.475%
90	17.271	1414	1416	1419	rVB2	36840	56642	3.68%	0.252%
91	17.386	1424	1426	1429	rVB2	61731	79339	5.16%	0.353%
92	17.671	1449	1451	1453	rVV2	39913	57581	3.75%	0.256%
93	17.717	1453	1455	1459	rVB2	60119	97301	6.33%	0.433%
94	17.900	1468	1471	1475	rVB	336371	476108	30.97%	2.117%
95	18.048	1482	1484	1488	rBV4	27187	52378	3.41%	0.233%
96	18.871	1553	1556	1560	rBV	118164	183023	11.91%	0.814%
97	19.889	1642	1645	1653	rVB	80892	144473	9.40%	0.642%
98	20.117	1662	1665	1667	rVB	1244367	1537104	100.00%	6.835%
99	21.386	1774	1776	1778	rVB	363746	403331	26.24%	1.793%
100	23.078	1921	1924	1927	rBV	243362	355124	23.10%	1.579%

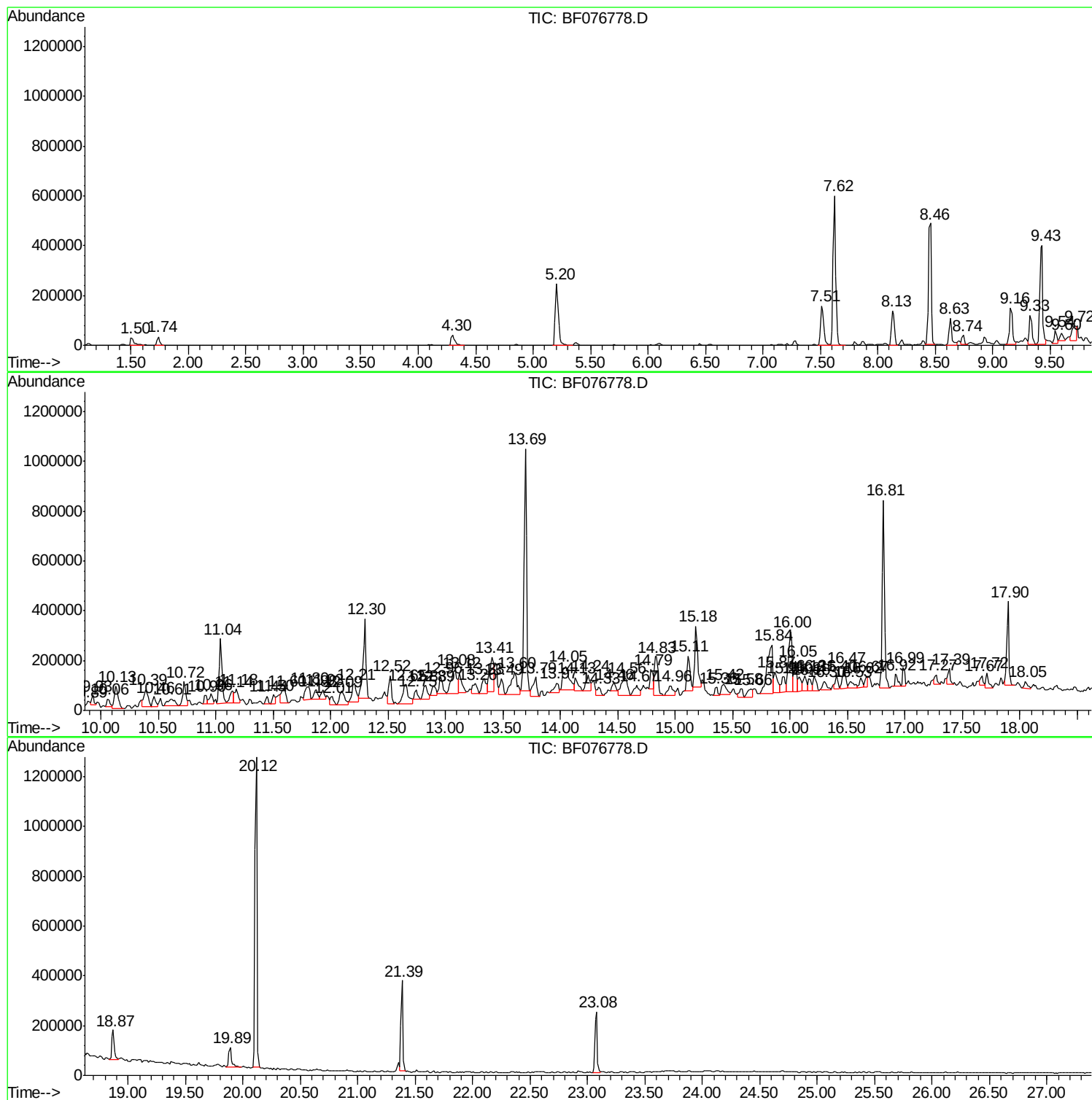
Sum of corrected areas: 22488684

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0405

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0405

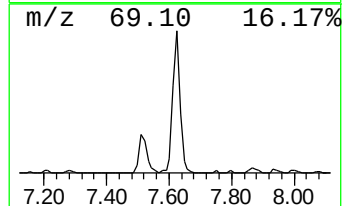
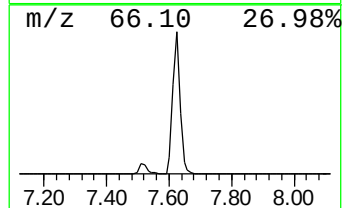
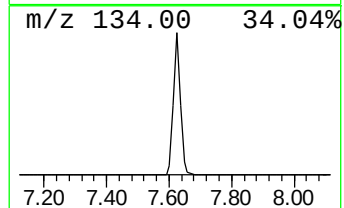
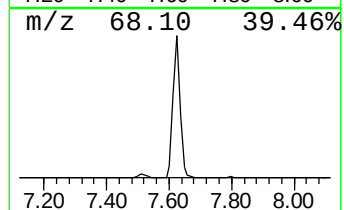
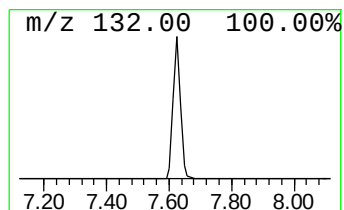
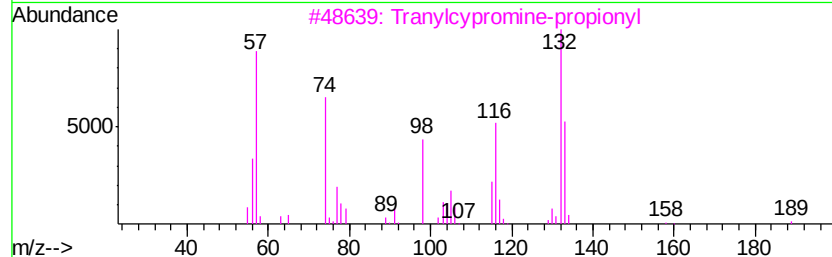
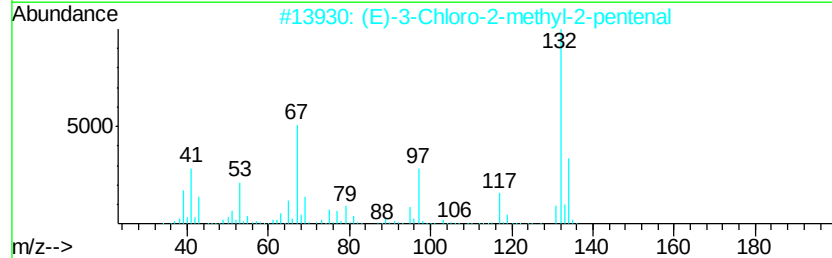
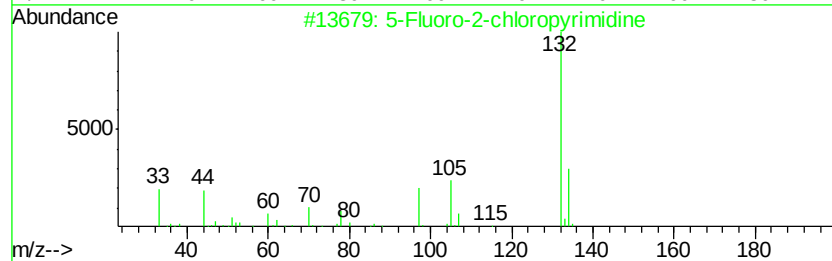
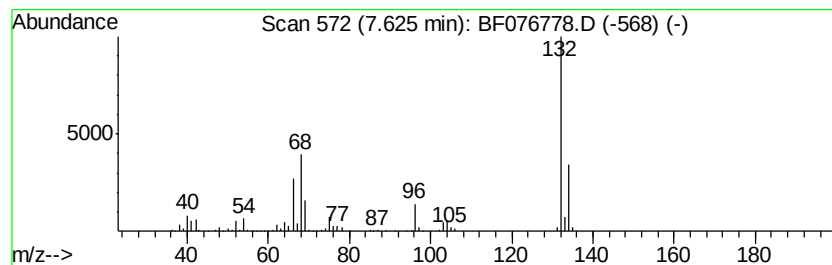
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	80.19 ng	930214	1,4-Dichlorobenzene-d4	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0405

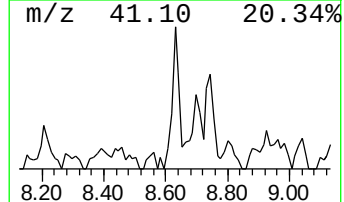
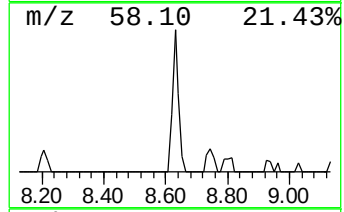
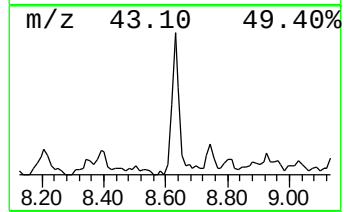
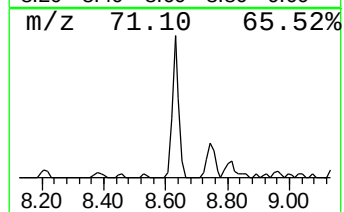
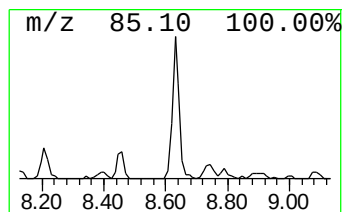
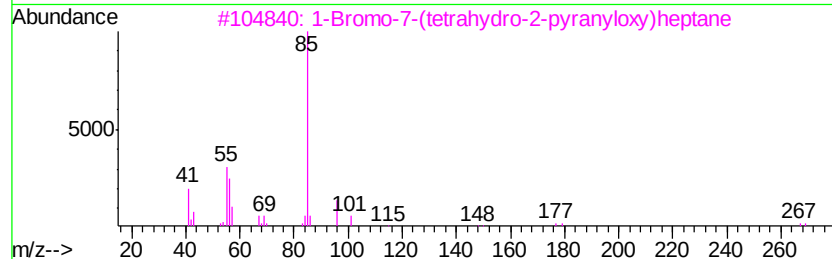
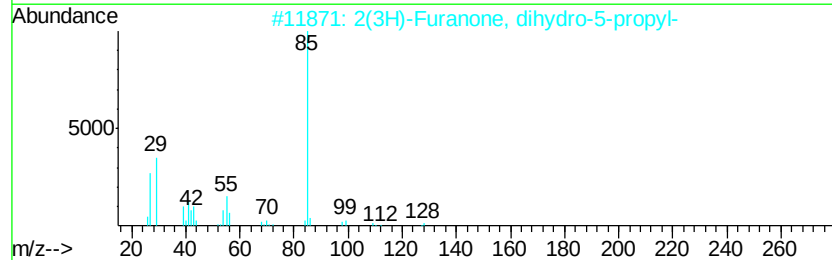
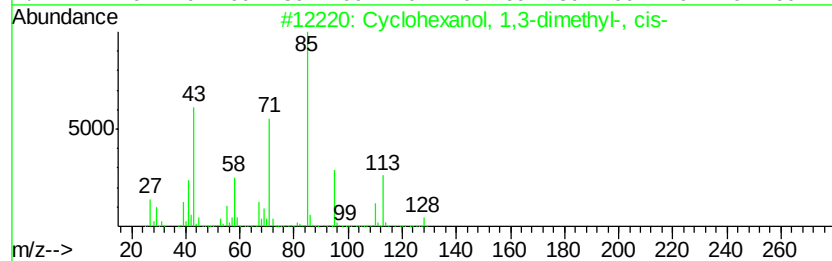
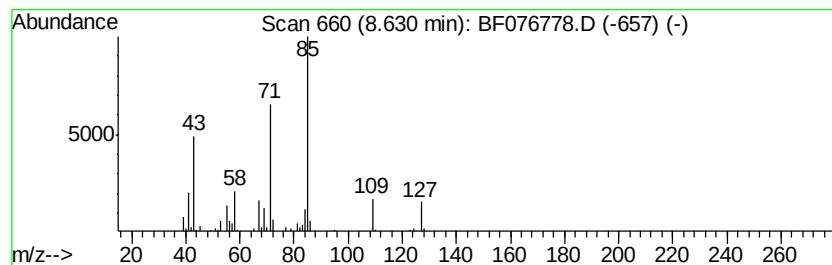
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexanol, 1,3-dimethyl-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	16.35 ng	189654	1,4-Dichlorobenzene-d4	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 1,3-dimethyl-, cis-	128	C8H16O	015466-94-1	59
2		2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	38
3		1-Bromo-7-(tetrahydro-2-pyranylo...	278	C12H23BrO2	010160-25-5	37
4		4-Hexen-3-ol, 2,5-dimethyl-	128	C8H16O	060703-31-3	32
5		Butanal, 4-[(tetrahydro-2H-pyran...	172	C9H16O3	054911-85-2	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0405

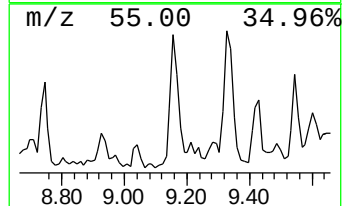
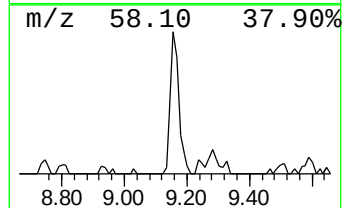
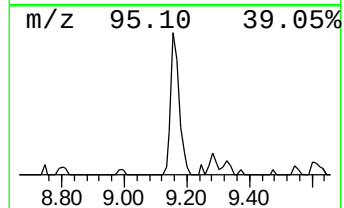
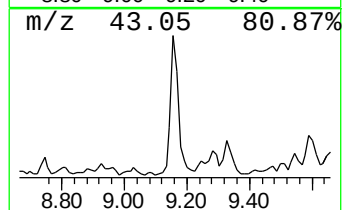
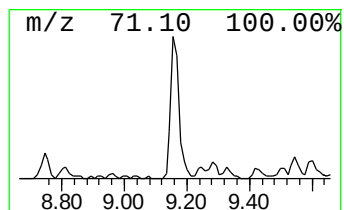
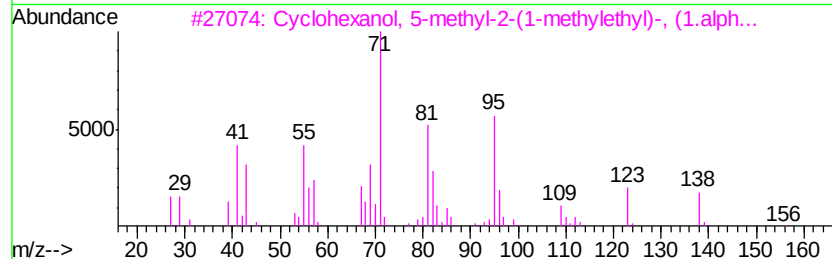
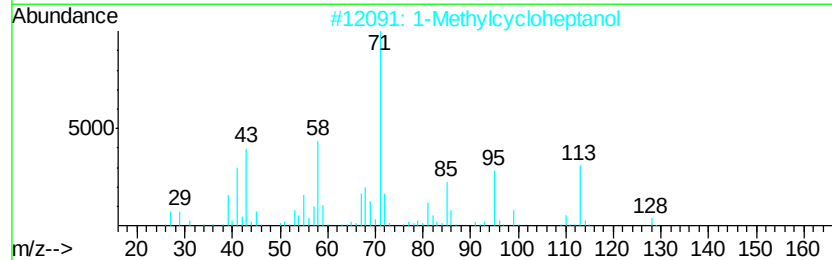
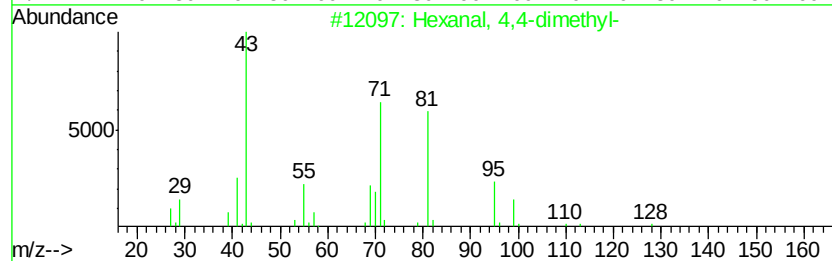
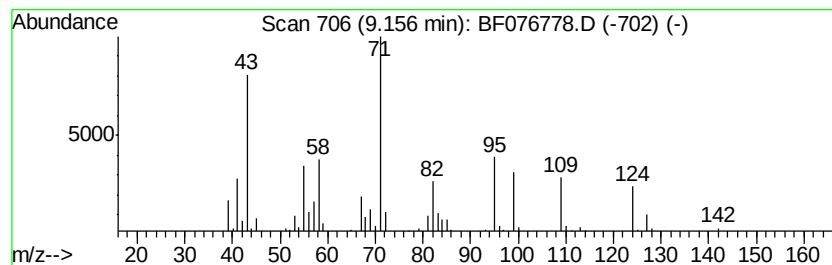
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown9.16 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	23.20 ng	269160	1,4-Dichlorobenzene-d4	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal, 4,4-dimethyl-	128	C8H16O	005932-91-2	49
2		1-Methylcycloheptanol	128	C8H16O	003761-94-2	43
3		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	40
4		4-Octanone, 7-methyl-	142	C9H18O	020809-46-5	38
5		Z-1-Methoxy-2-pentene	100	C6H12O	1000279-59-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0405

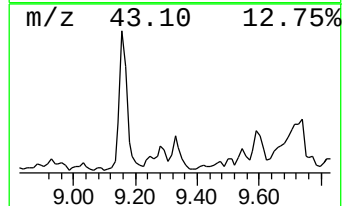
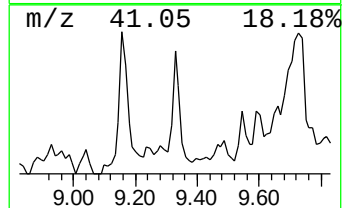
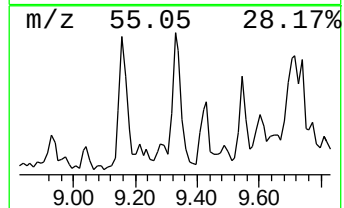
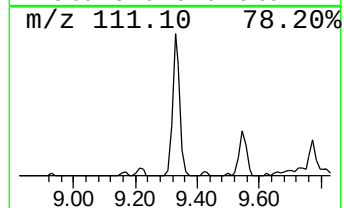
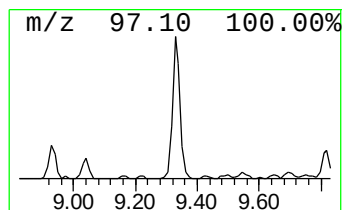
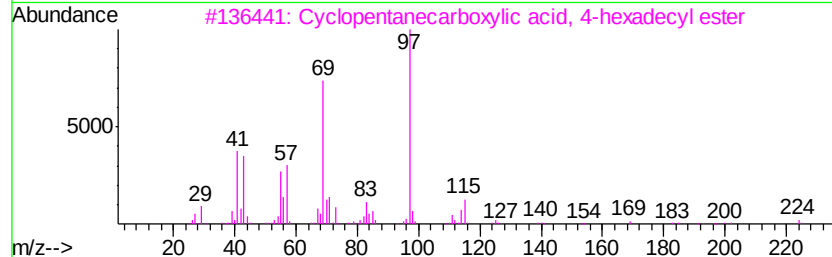
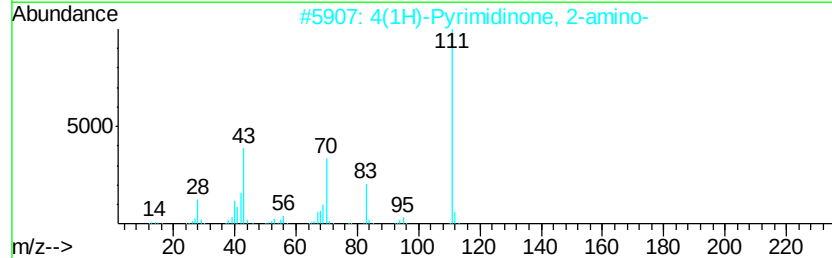
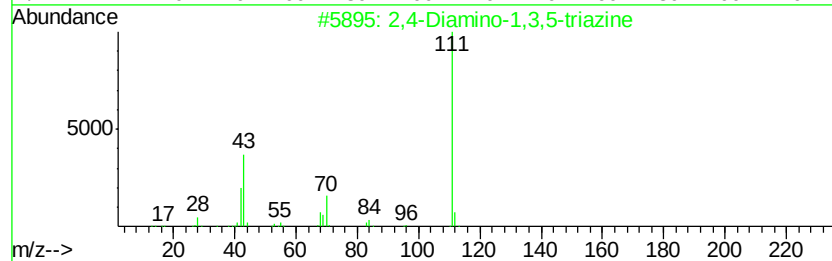
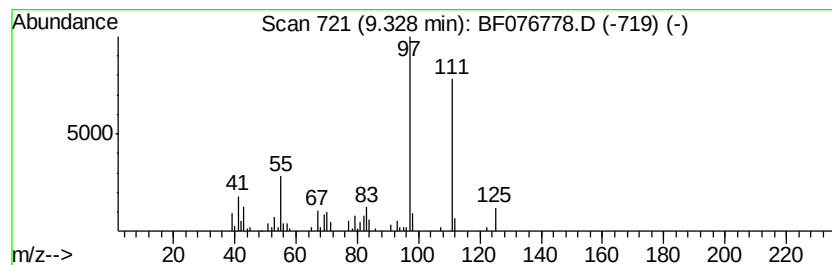
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown9.33 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	17.13 ng	198731	1,4-Dichlorobenzene-d4	8.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diamino-1,3,5-triazine	111	C3H5N5	000504-08-5	38	
2	4(1H)-Pyrimidinone, 2-amino-	111	C4H5N3O	000108-53-2	38	
3	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	37	
4	5-Amino-1,3-dimethylpyrazole	111	C5H9N3	003524-32-1	35	
5	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	35	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0405

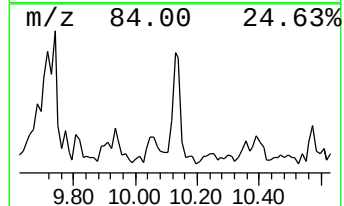
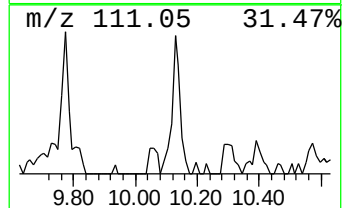
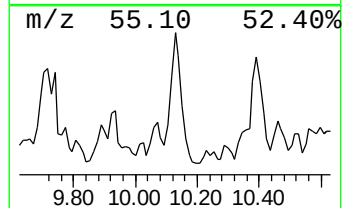
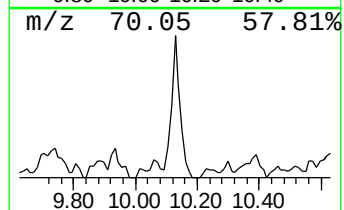
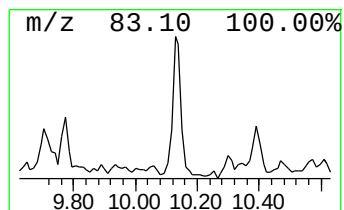
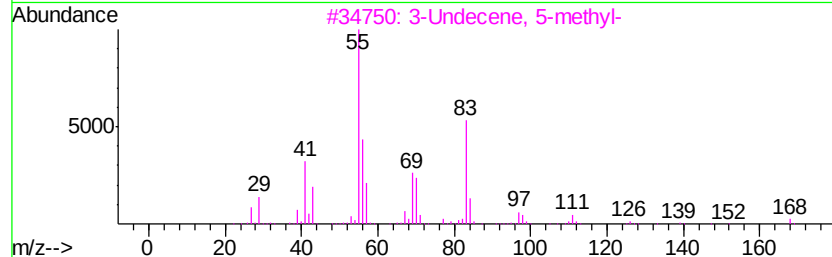
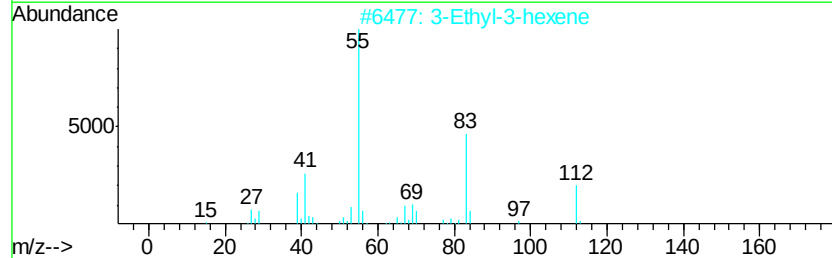
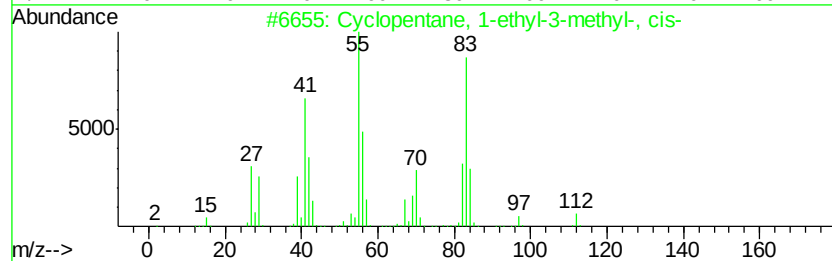
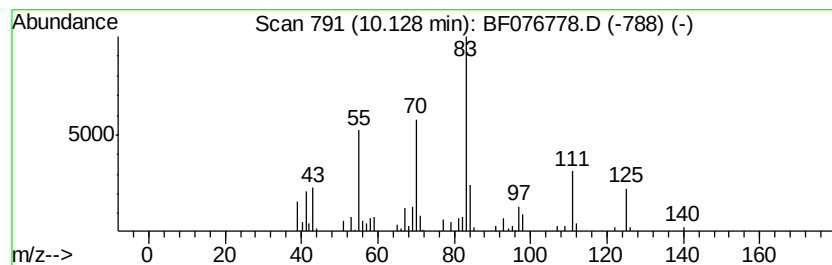
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown10.13 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	9.59 ng	206825	Napthalene-d8	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	47
2		3-Ethyl-3-hexene	112	C8H16	016789-51-8	43
3		3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	42
4		2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	38
5		Cyclopentaneacetic acid, ethenyl...	154	C9H14O2	045955-66-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0405

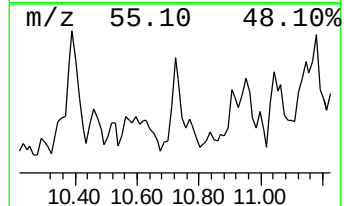
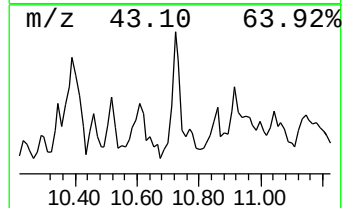
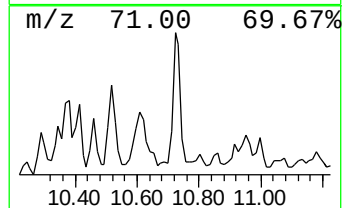
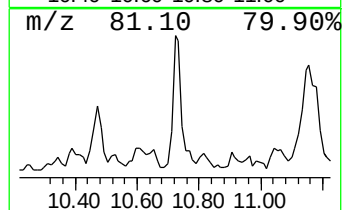
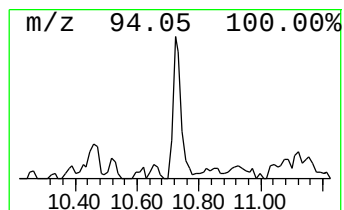
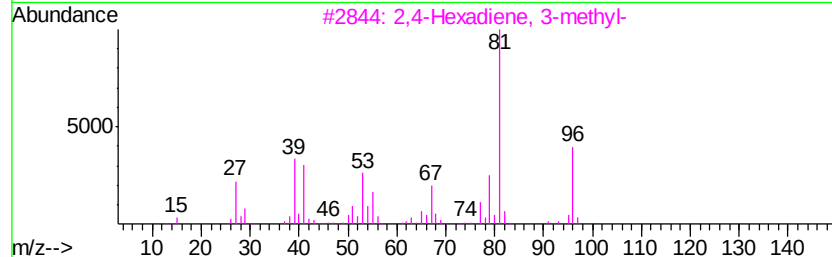
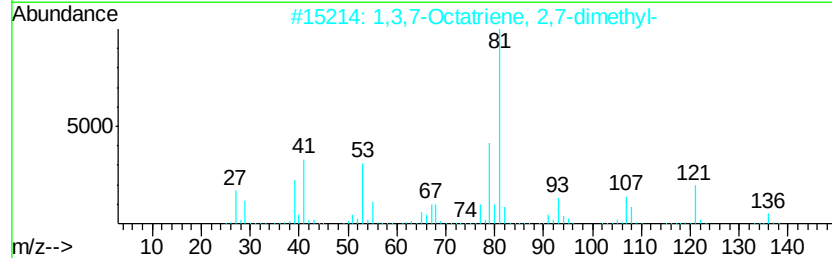
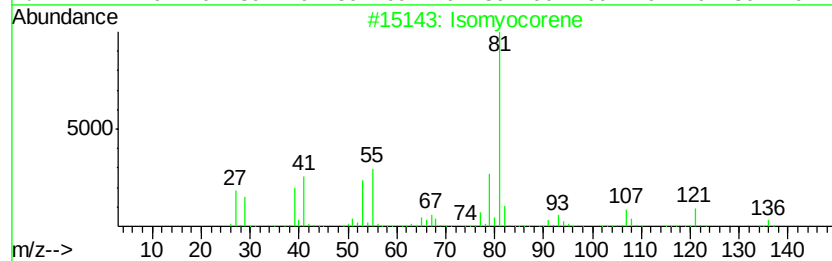
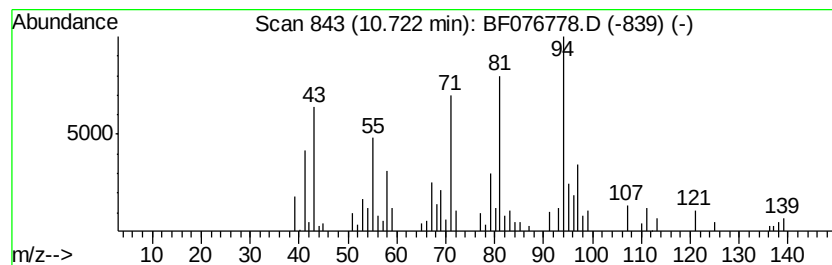
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown10.72 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	9.12 ng	196663	Napthalene-d8	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isomycorene	136	C10H16	006876-07-9	25
2		1,3,7-Octatriene, 2,7-dimethyl-	136	C10H16	036638-38-7	25
3		2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	18
4		4-Pyridinamine	94	C5H6N2	000504-24-5	18
5		Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0405

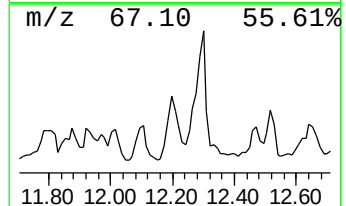
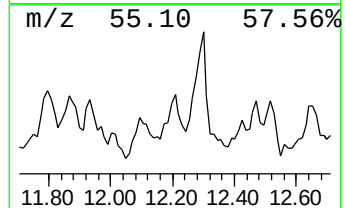
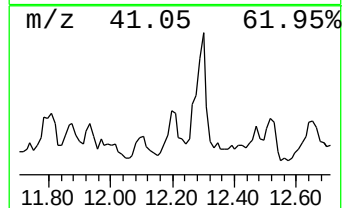
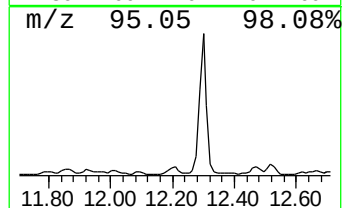
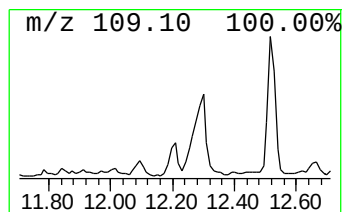
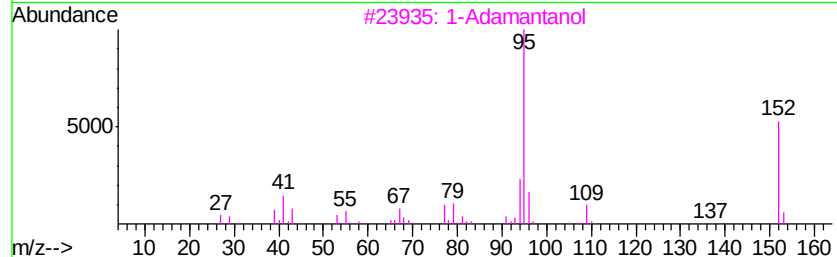
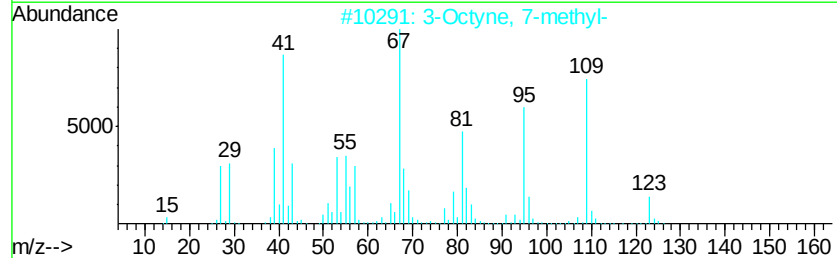
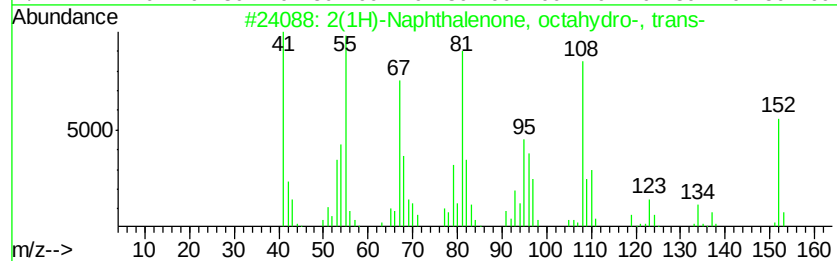
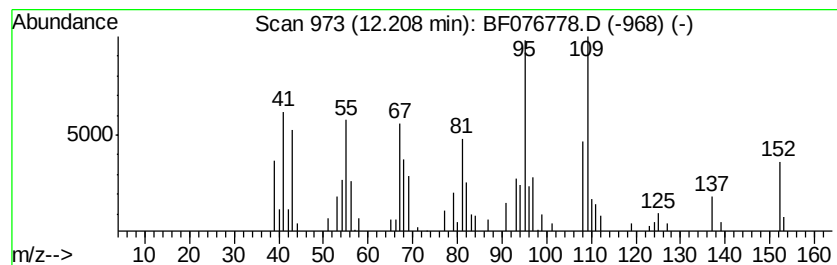
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 2(1H)-Naphthalenone, octahy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	9.00 ng	194098	Naphthalene-d8	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Naphthalenone, octahydro-, ...	152	C10H16O	016021-08-2	60
2		3-Octyne, 7-methyl-	124	C9H16	037050-06-9	43
3		1-Adamantanol	152	C10H16O	000768-95-6	38
4		2-Decalone, c&t	152	C10H16O	004832-17-1	38
5		2-Decyne	138	C10H18	002384-70-5	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0405

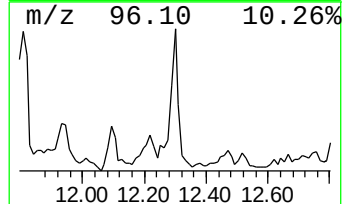
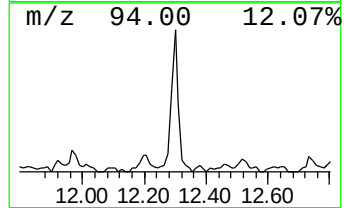
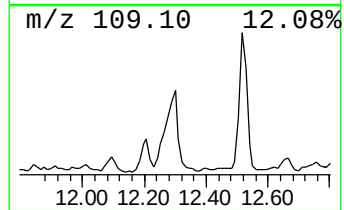
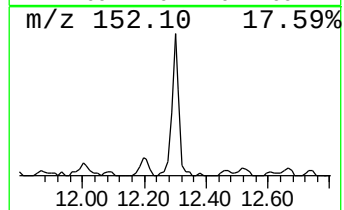
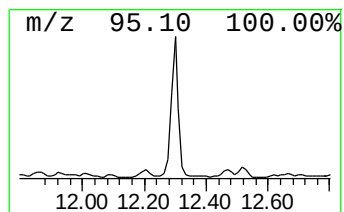
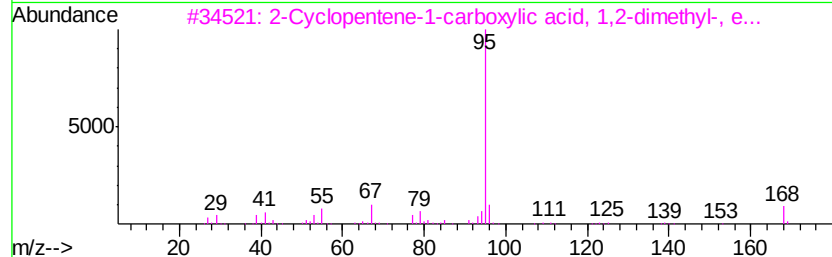
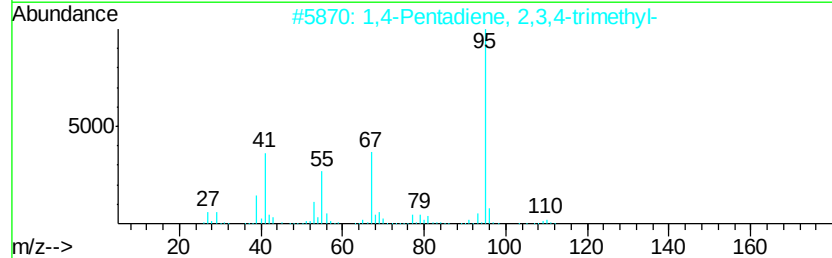
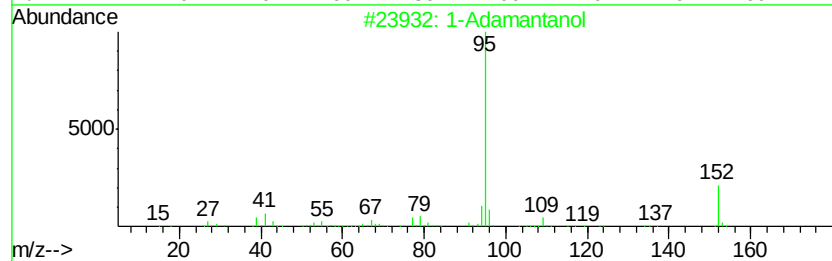
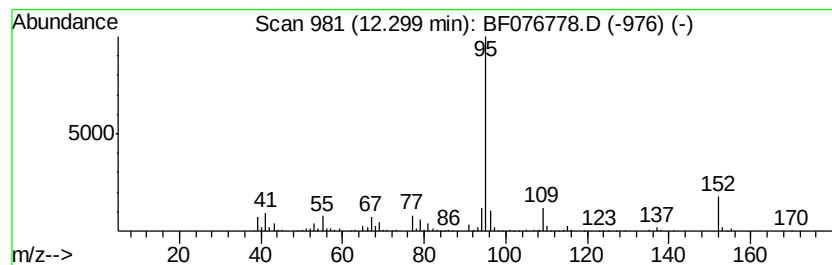
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1-Adamantanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	27.08 ng	583895	Naphthalene-d8	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Adamantanol	152	C10H16O	000768-95-6	83
2		1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	53
3		2-Cyclopentene-1-carboxylic acid...	168	C10H16O2	005809-03-0	45
4		Cyclopentene, 1,4-dimethyl-5-(1-...	138	C10H18	061142-33-4	45
5		Cyclohexene, 1-methyl-3-(1-methy...	138	C10H18	013828-31-4	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

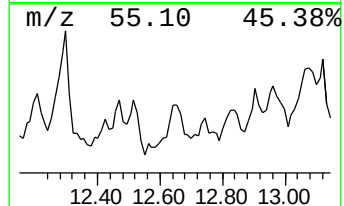
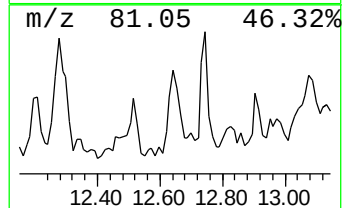
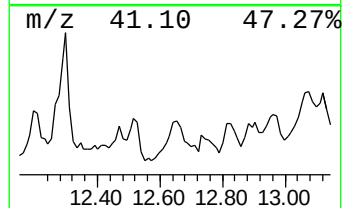
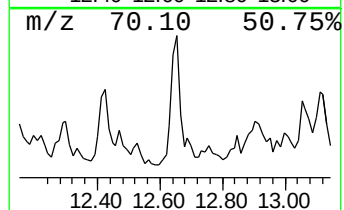
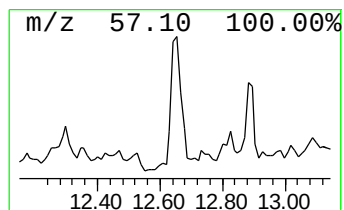
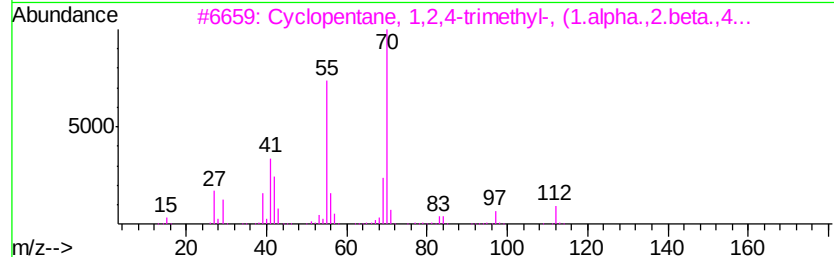
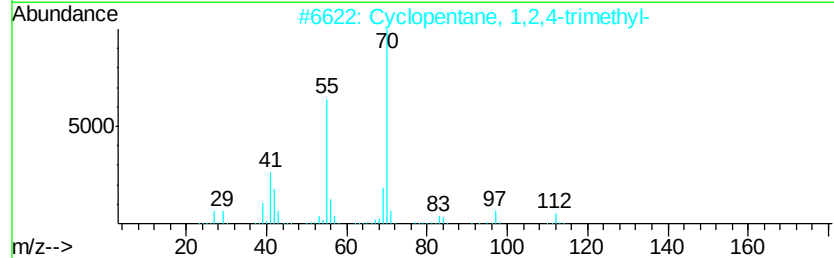
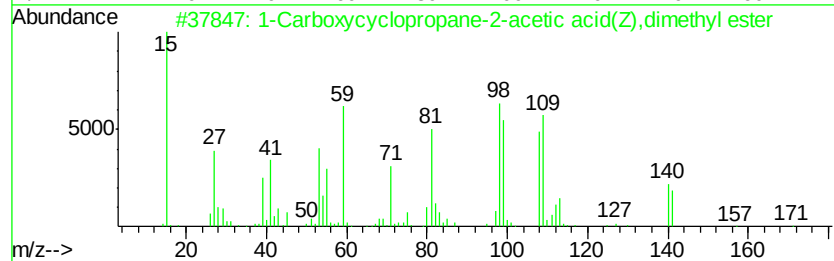
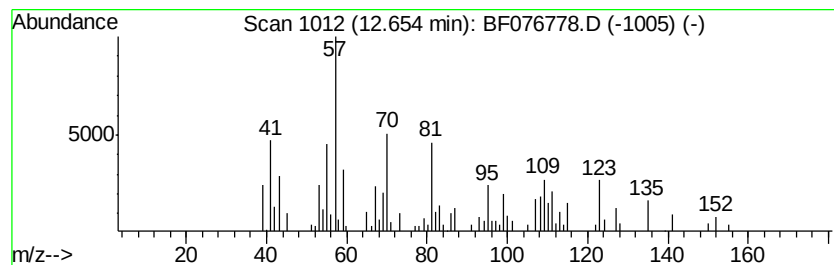
Instrument :
BNA_F
ClientSampleId :
S8-0405

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown12.65 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	12.46 ng	268529	Naphthalene-d8	11.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Carboxycyclopropane-2-acetic a...	172 C8H12O4	077462-53-4 12
2		Cyclopentane, 1,2,4-trimethyl-	112 C8H16	002815-58-9 11
3		Cyclopentane, 1,2,4-trimethyl-, ...	112 C8H16	016883-48-0 11
4		Cyclopentane, 1,2,4-trimethyl-, ...	112 C8H16	004850-28-6 11
5		Cyclopentane, 1,2,3-trimethyl-, ...	112 C8H16	015890-40-1 10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0405

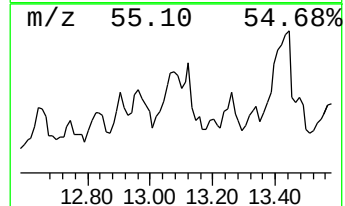
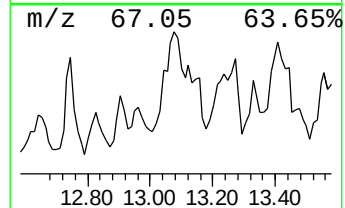
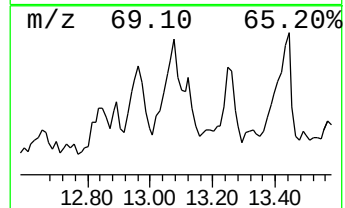
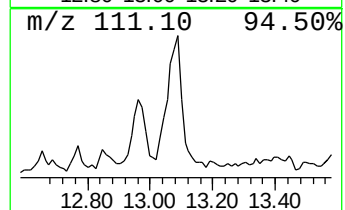
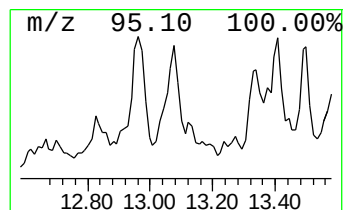
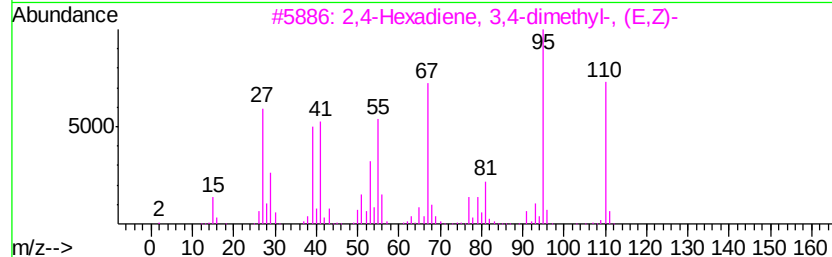
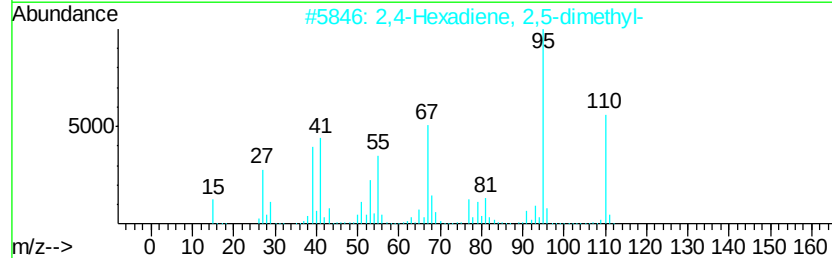
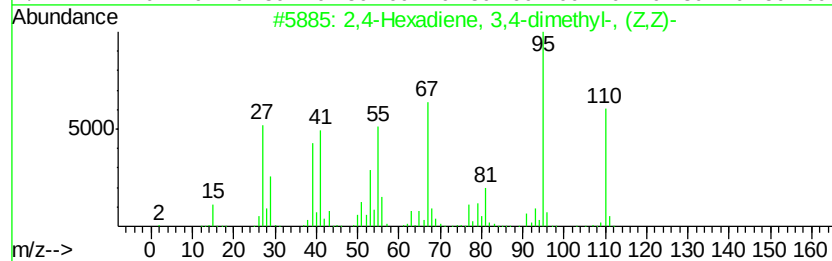
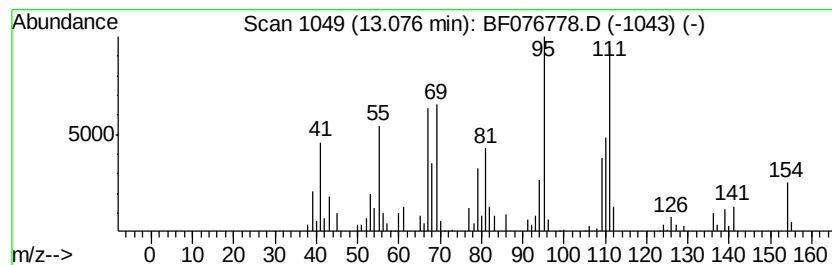
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown13.08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	16.55 ng	356845	Napthalene-d8	11.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Hexadiene, 3,4-dimethyl-, (Z...	110	C8H14	021293-01-6	46
2		2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	41
3		2,4-Hexadiene, 3,4-dimethyl-, (E...	110	C8H14	002417-88-1	41
4		Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	38
5		4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

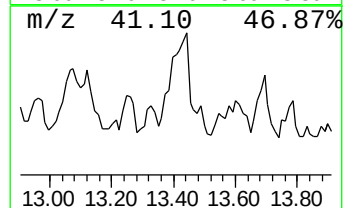
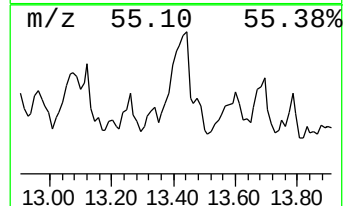
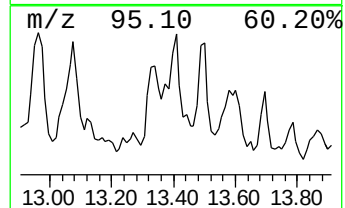
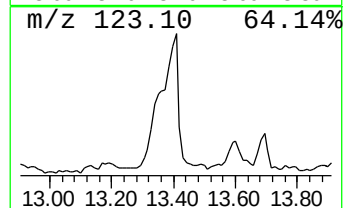
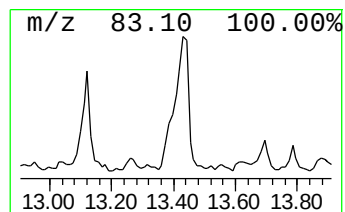
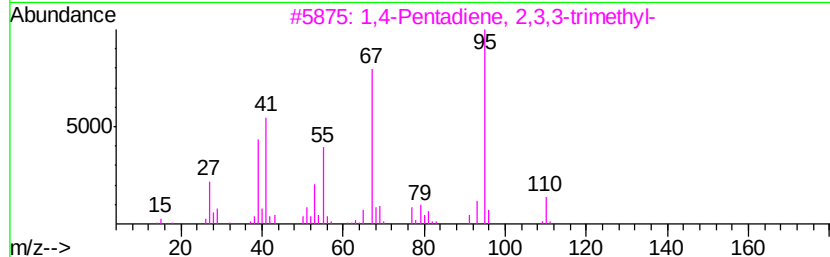
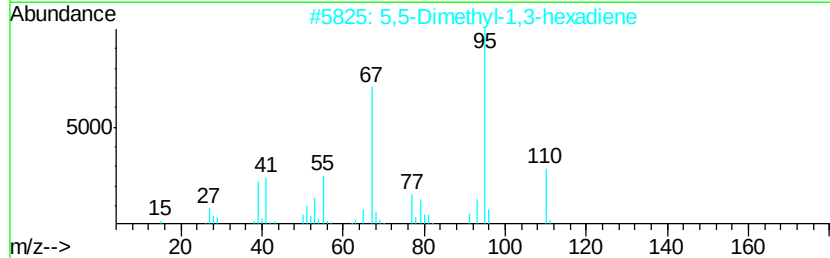
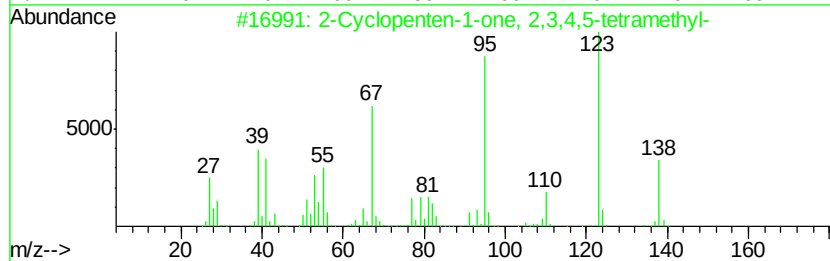
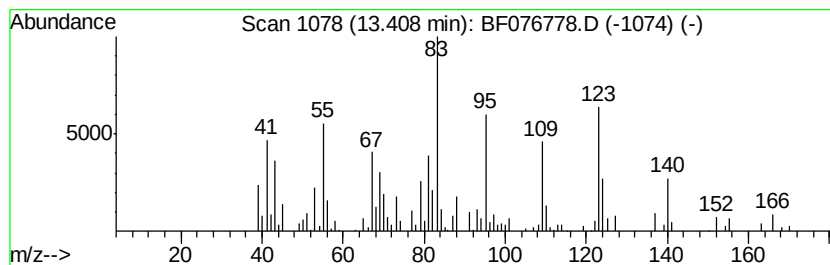
Instrument :
BNA_F
ClientSampleId :
S8-0405

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown13.41 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	16.53 ng	345742	Acenaphthene-d10	15.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Cyclopenten-1-one, 2,3,4,5-tet...	138 C9H14O	054458-61-6	35
2	5,5-Dimethyl-1,3-hexadiene	110 C8H14	001515-79-3	18
3	1,4-Pentadiene, 2,3,3-trimethyl-	110 C8H14	000756-02-5	18
4	Cyclohexene, 3,5-dimethyl-	110 C8H14	000823-17-6	18
5	Pentaleno[1,2-b]oxirene, octahyd...	124 C8H12O	055449-70-2	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

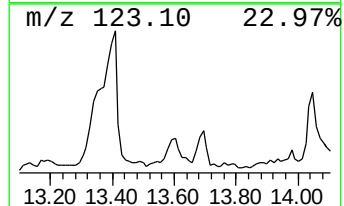
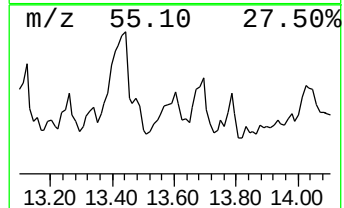
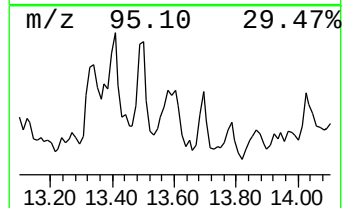
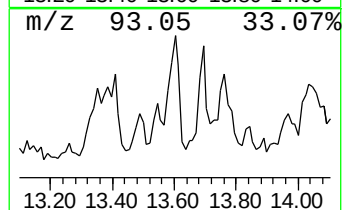
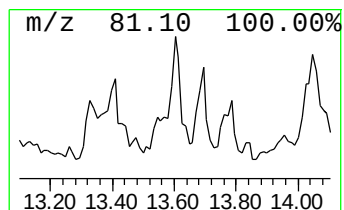
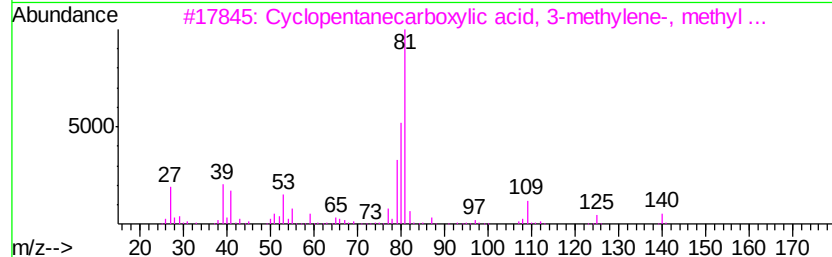
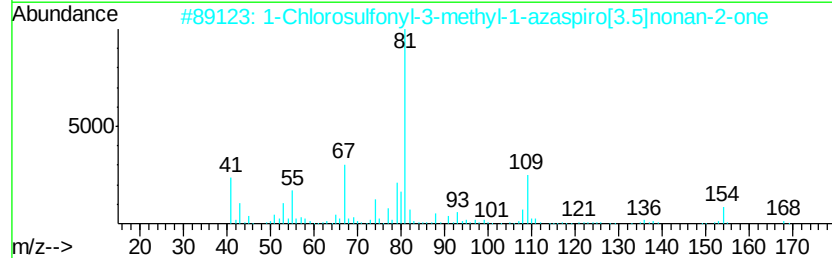
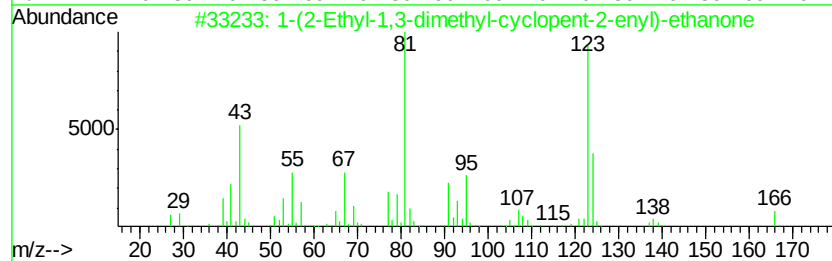
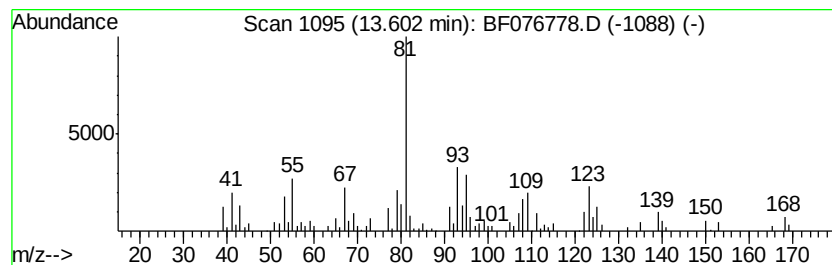
Instrument :
BNA_F
ClientSampled :
S8-0405

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown13.60 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	15.59 ng	325978	Acenaphthene-d10	15.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-(2-Ethyl-1,3-dimethyl-cyclopent-2-enyl)-ethanone	166 C11H18O	1000185-18-1 47
2		1-Chlorosulfonyl-3-methyl-1-azaspiro[3.5]nonan-2-one	251 C9H14ClN03S	016933-89-4 43
3		Cyclopentanecarboxylic acid, 3-methylene-, methyl ester	140 C8H12O2	037575-80-7 38
4		Cyclohexene, 3-(2-propenyl)-	122 C9H14	015232-95-8 38
5		di-t-Butylacetylene	138 C10H18	017530-24-4 32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0405

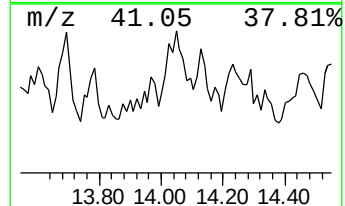
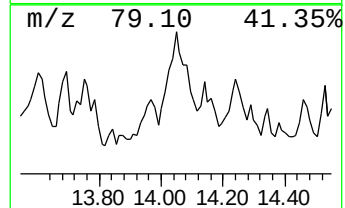
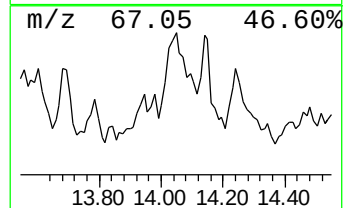
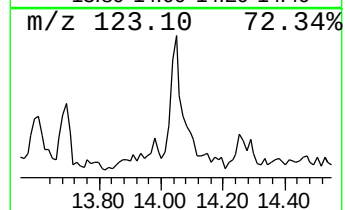
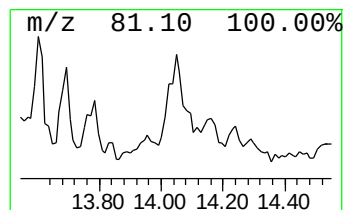
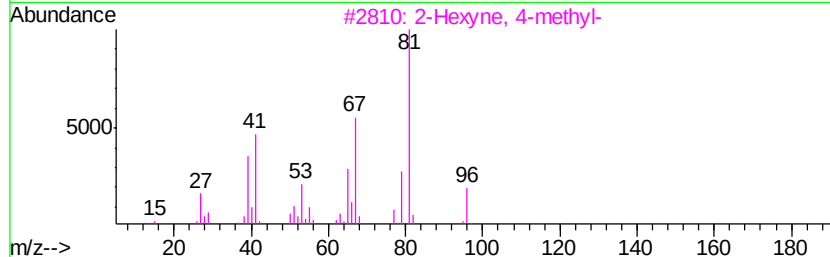
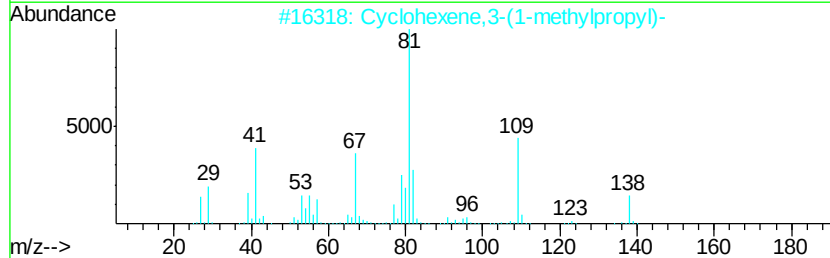
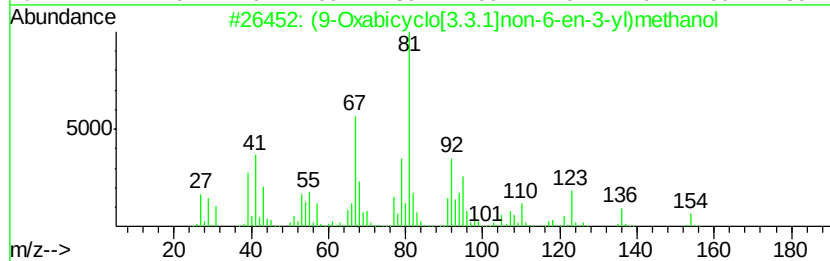
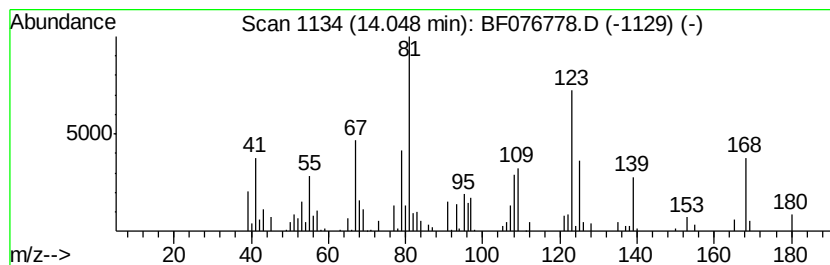
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown14.05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	17.65 ng	369085	Acenaphthene-d10	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(9-Oxabicyclo[3.3.1]non-6-en-3-y...	154	C9H14O2	1000191-02-8	43
2		Cyclohexene,3-(1-methylpropyl)-	138	C10H18	015232-91-4	38
3		2-Hexyne, 4-methyl-	96	C7H12	020198-49-6	38
4		Bicyclo[3.3.1]nonane-1-carboxyli...	168	C10H16O2	017530-63-1	38
5		Bornyl bromide	216	C10H17Br	004443-48-5	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

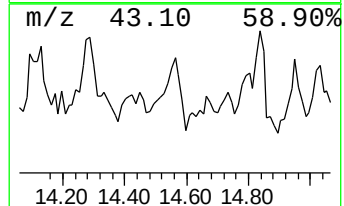
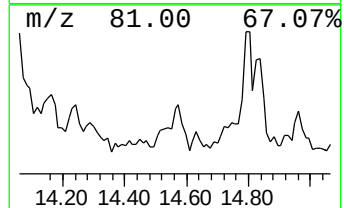
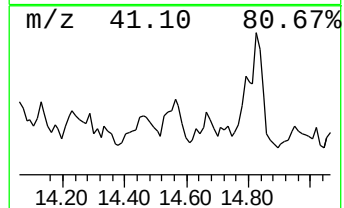
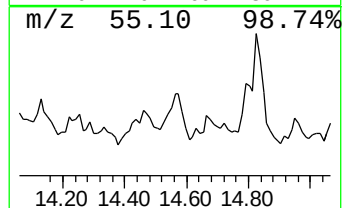
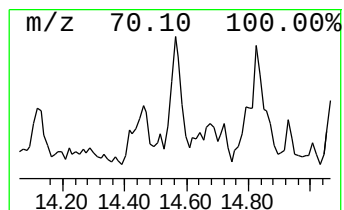
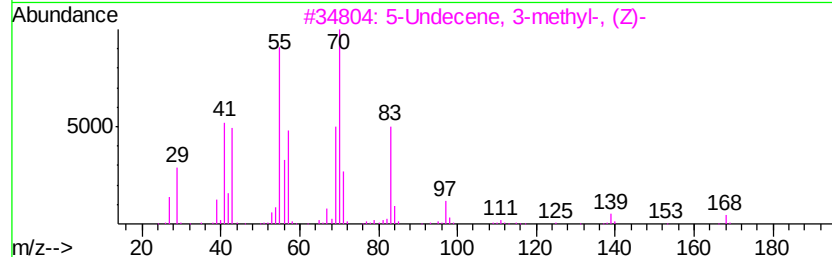
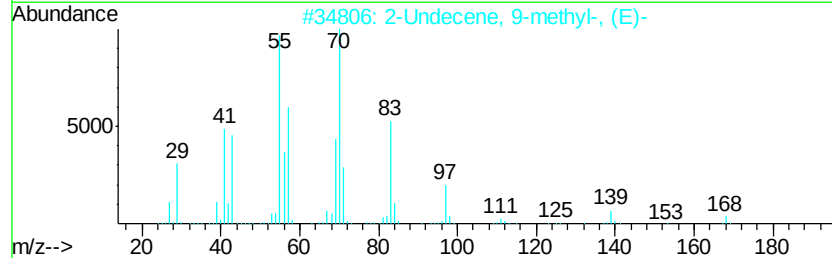
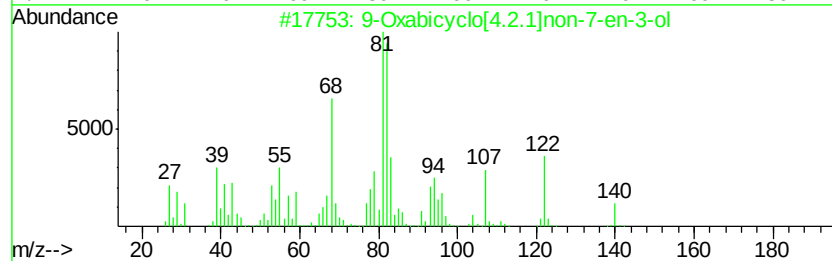
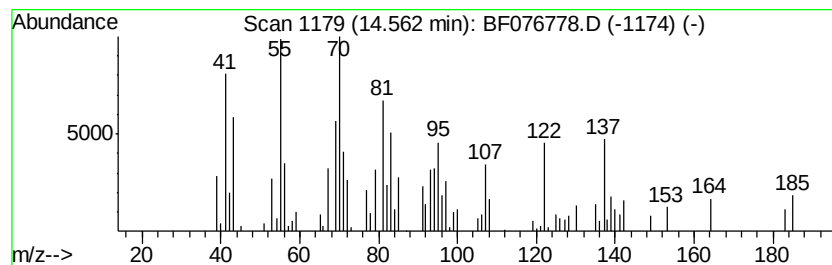
Instrument :
BNA_F
ClientSampleId :
S8-0405

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown14.56 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	12.22 ng	255478	Acenaphthene-d10	15.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Oxabicyclo[4.2.1]non-7-en-3-ol	140 C8H12O2	1000192-85-4	27
2	2-Undecene, 9-methyl-, (E)-	168 C12H24	074630-46-9	27
3	5-Undecene, 3-methyl-, (Z)-	168 C12H24	074630-64-1	22
4	4-Undecene, 9-methyl-, (Z)-	168 C12H24	074630-56-1	22
5	Cyclopentane, 1-ethyl-1-methyl-	112 C8H16	016747-50-5	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

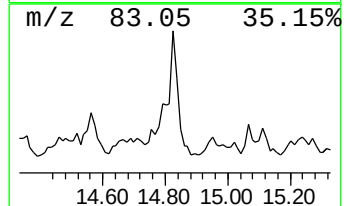
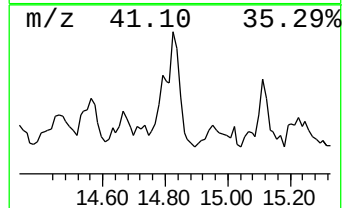
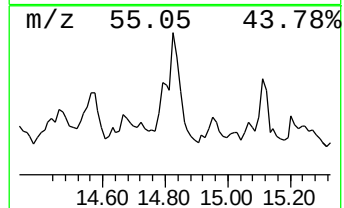
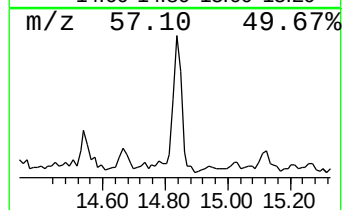
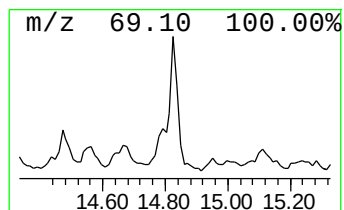
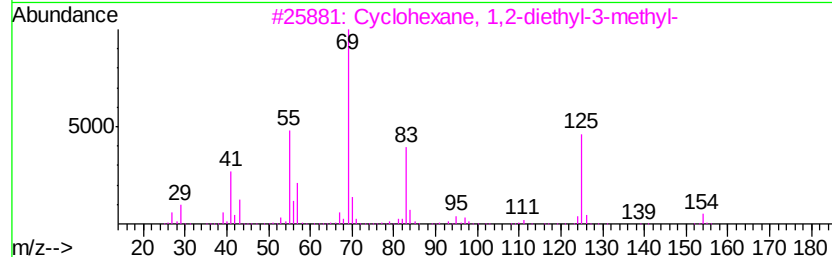
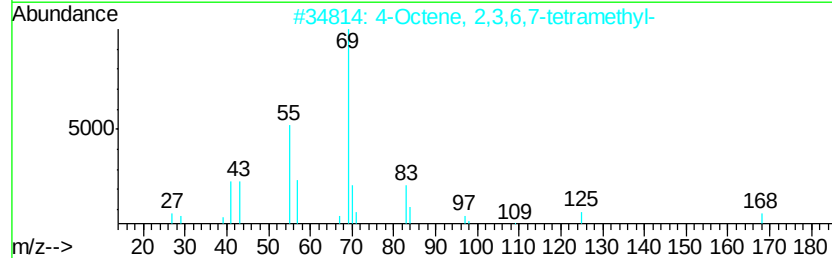
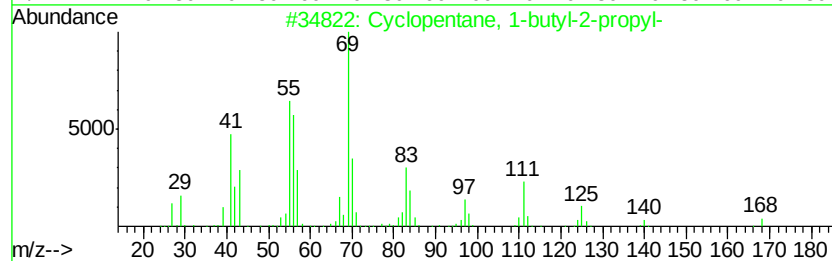
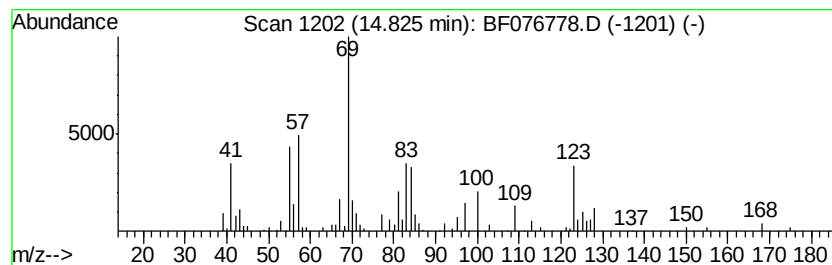
Instrument :
BNA_F
ClientSampleId :
S8-0405

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Cyclopentane, 1-butyl-2-pro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	14.72 ng	307841	Acenaphthene-d10	15.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1-butyl-2-propyl-	168 C12H24	062199-50-2 52
2		4-Octene, 2,3,6,7-tetramethyl-	168 C12H24	063830-66-0 47
3		Cyclohexane, 1,2-diethyl-3-methyl-	154 C11H22	061141-80-8 43
4		1R,2c,3t,4t-Tetramethyl-cyclohexane	140 C10H20	1000144-07-3 40
5		2-Pentene, 4-methyl-, (Z)-	84 C6H12	000691-38-3 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0405

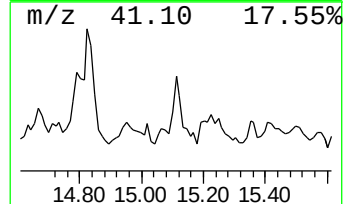
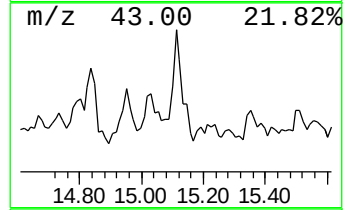
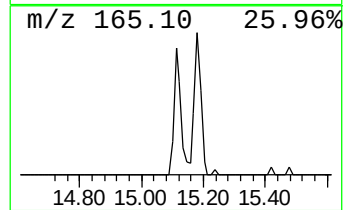
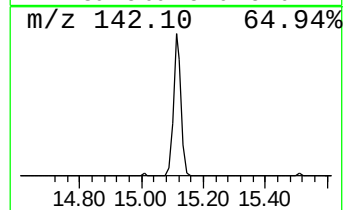
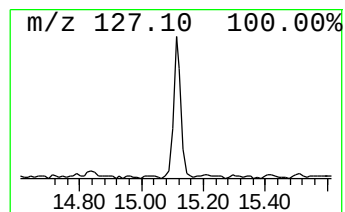
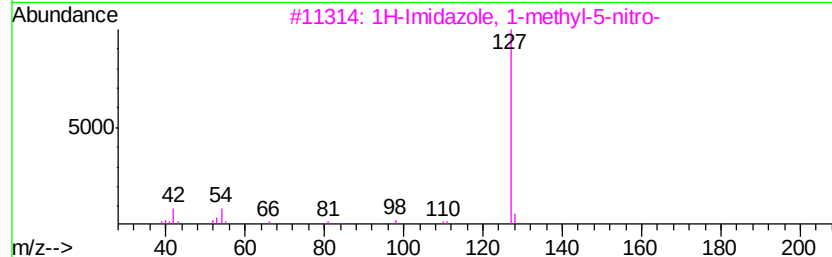
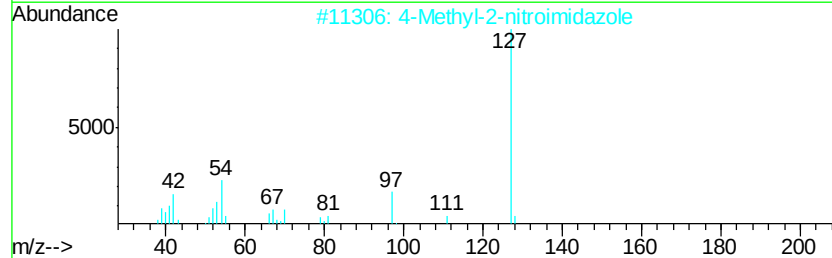
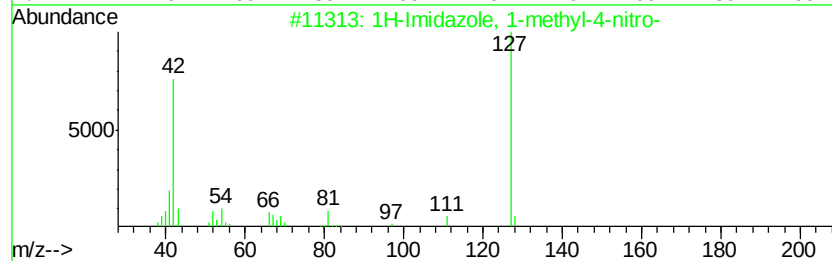
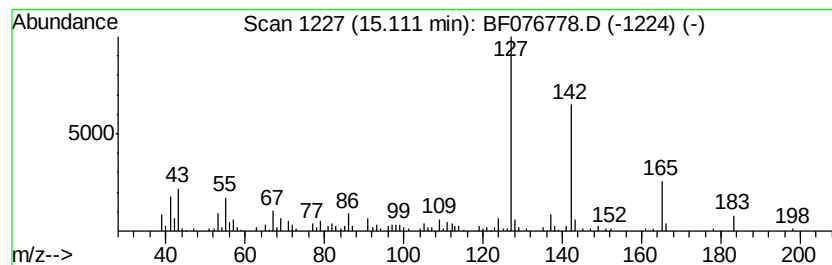
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown15.11 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	12.91 ng	270069	Acenaphthene-d10	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Imidazole, 1-methyl-4-nitro-	127	C4H5N3O2	003034-41-1	38
2		4-Methyl-2-nitroimidazole	127	C4H5N3O2	005213-35-4	38
3		1H-Imidazole, 1-methyl-5-nitro-	127	C4H5N3O2	003034-42-2	38
4		Phosphonofluoridic acid, (1-meth...	208	C9H18F02P	333416-55-0	38
5		3,7-Dimethyloctyl isopropylphosp...	266	C13H28F02P	1000298-27-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0405

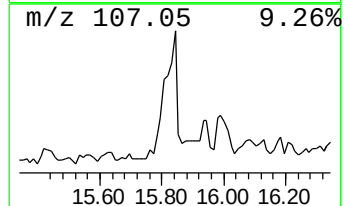
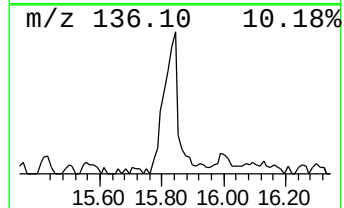
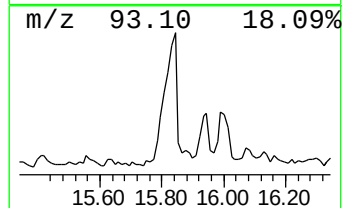
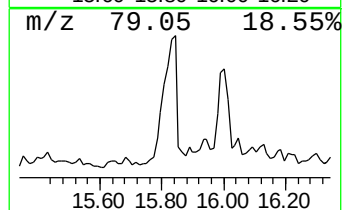
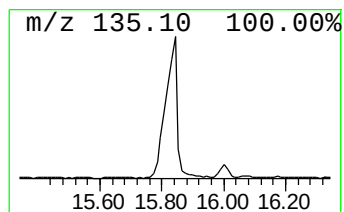
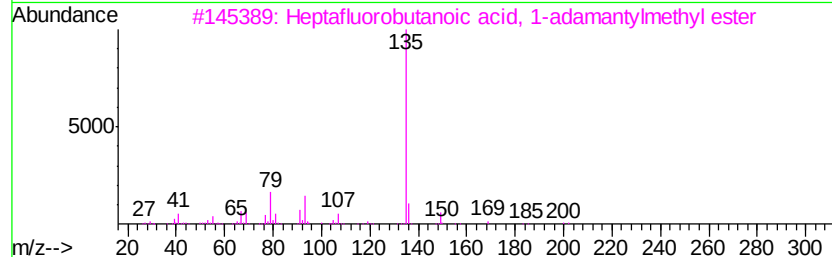
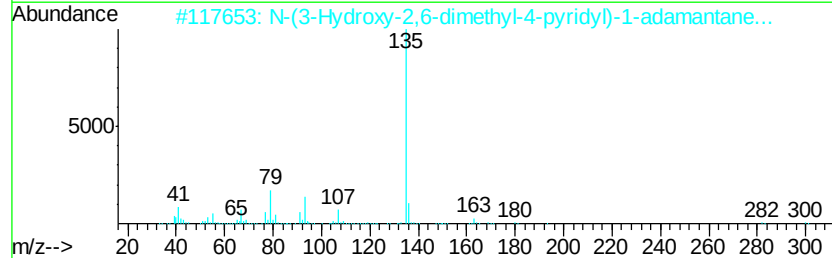
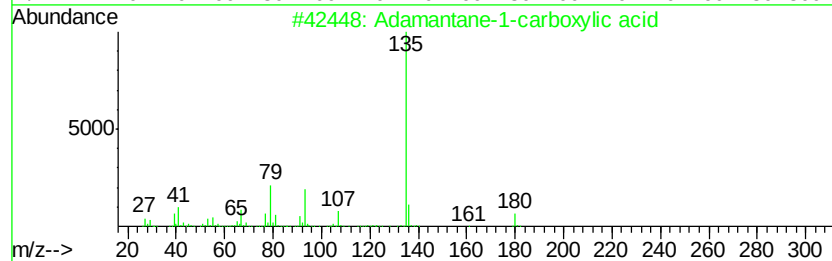
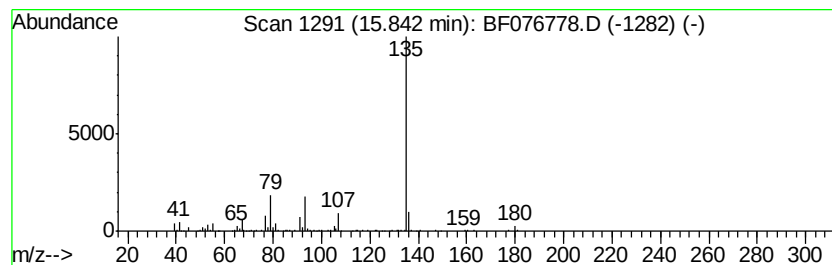
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Adamantane-1-carboxylic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	31.34 ng	655413	Acenaphthene-d10	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	94
2		N-(3-Hydroxy-2,6-dimethyl-4-pyri...	300	C18H24N2O2	1000260-99-3	90
3		Heptafluorobutanoic acid, 1-adam...	362	C15H17F7O2	1000282-96-9	90
4		Tricyclo[3.3.1.1(3,7)-]decane, 1...	214	C10H15Br	000768-90-1	90
5		N-Adamantan-1-ylmethyl-2-chloro-...	348	C18H21ClN2O3	227327-87-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0405

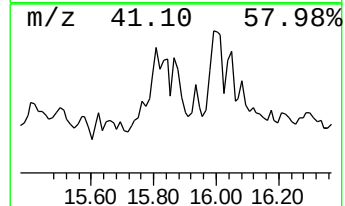
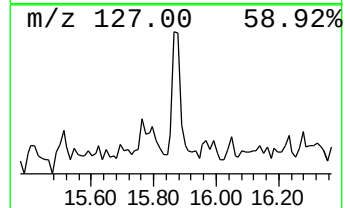
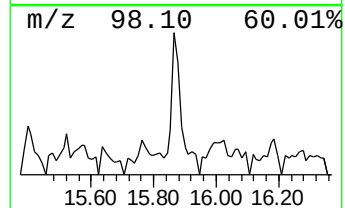
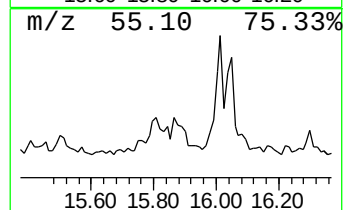
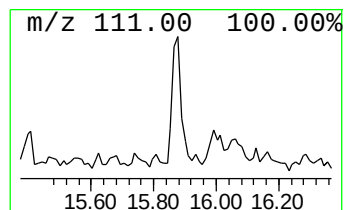
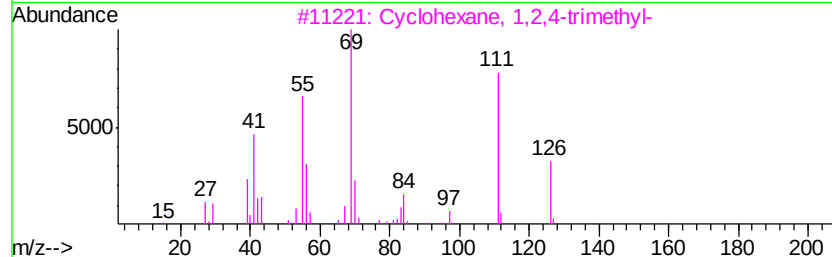
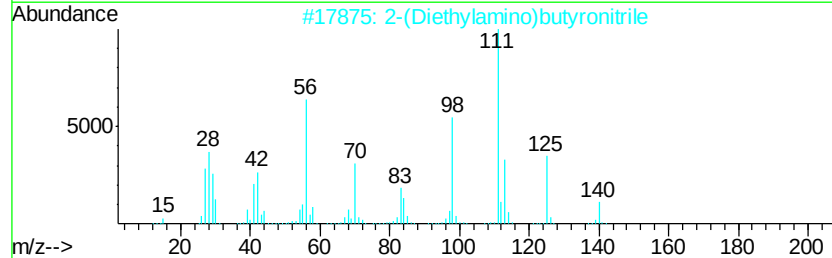
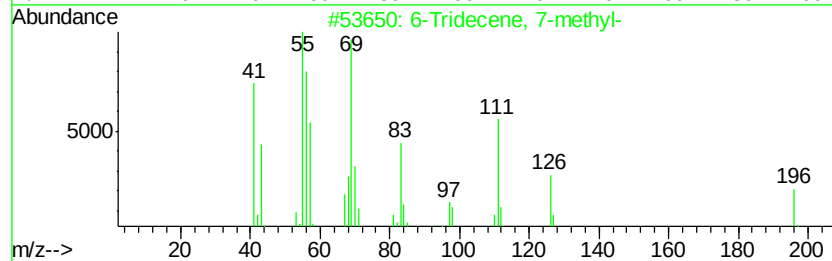
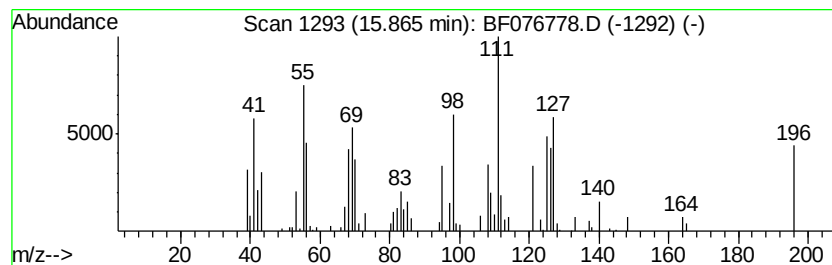
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown15.87 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	8.78 ng	183545	Acenaphthene-d10	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	38
2		2-(Diethylamino)butyronitrile	140	C8H16N2	016250-35-4	25
3		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	25
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	22
5		Thiophene, 2-ethyl-5-methyl-	126	C7H10S	040323-88-4	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
Data File : BF076778.D
Acq On : 8 Jan 2015 16:22
Operator : IZ / TP
Sample : G1020-01
Misc : W DOD
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0405

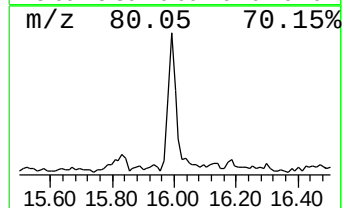
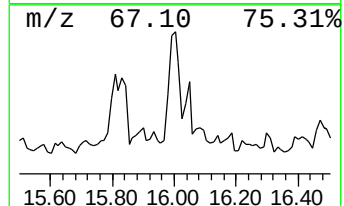
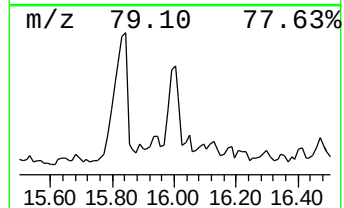
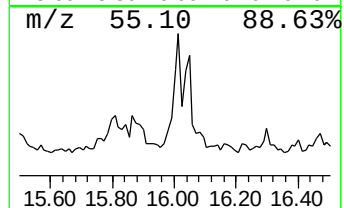
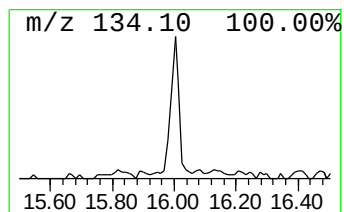
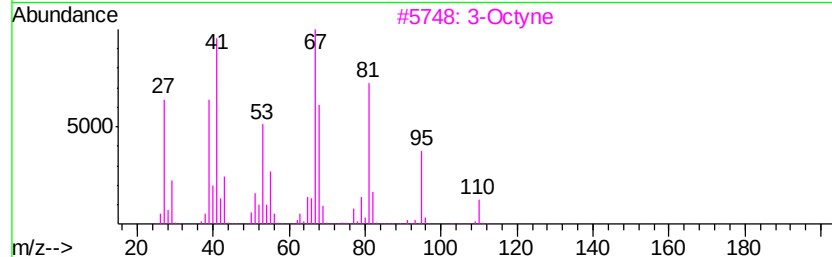
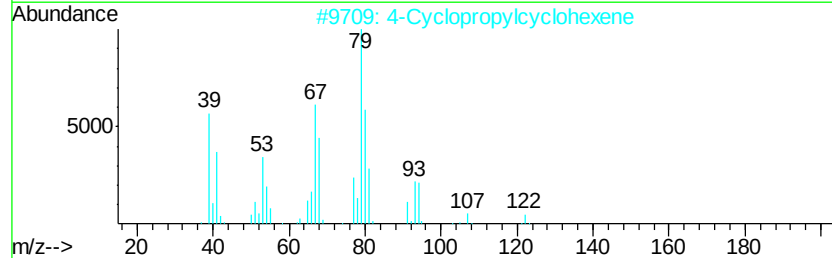
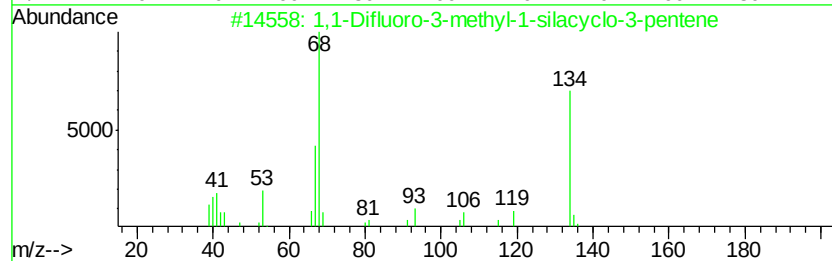
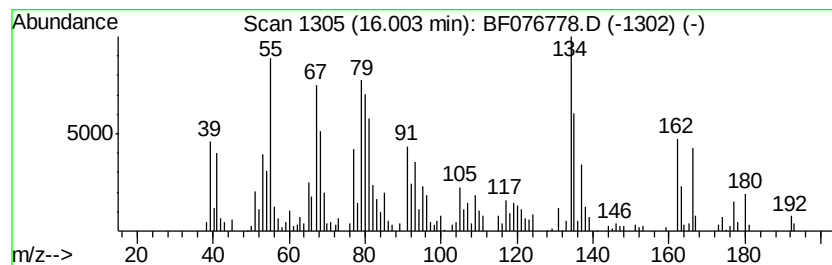
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown16.00 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	25.49 ng	533219	Acenaphthene-d10	15.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1-Difluoro-3-methyl-1-silacycl...	134	C5H8F2Si	054077-66-6	46
2		4-Cyclopropylcyclohexene	122	C9H14	080105-51-7	43
3		3-Octyne	110	C8H14	015232-76-5	42
4		3-Octyne, 5-methyl-	124	C9H16	062108-33-2	38
5		Bicyclo[6.1.0]non-4-ene	122	C9H14	004729-13-9	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
 Data File : BF076778.D
 Acq On : 8 Jan 2015 16:22
 Operator : IZ / TP
 Sample : G1020-01
 Misc : W DOD
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0405

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.62	7.62	80.2	ng	930214	1	8.13	231999	20.0
Cyclohexanol, 1,3...	8.63	16.4	ng	189654	1	8.13	231999	20.0
unknown9.16	9.16	23.2	ng	269160	1	8.13	231999	20.0
unknown9.33	9.33	17.1	ng	198731	1	8.13	231999	20.0
unknown10.13	10.13	9.6	ng	206825	2	11.04	431165	20.0
unknown10.72	10.72	9.1	ng	196663	2	11.04	431165	20.0
2(1H)-Naphthaleno...	12.21	9.0	ng	194098	2	11.04	431165	20.0
1-Adamantanol	12.30	27.1	ng	583895	2	11.04	431165	20.0
unknown12.65	12.65	12.5	ng	268529	2	11.04	431165	20.0
unknown13.08	13.08	16.6	ng	356845	2	11.04	431165	20.0
unknown13.41	13.41	16.5	ng	345742	3	15.18	418301	20.0
unknown13.60	13.60	15.6	ng	325978	3	15.18	418301	20.0
unknown14.05	14.05	17.6	ng	369085	3	15.18	418301	20.0
unknown14.56	14.56	12.2	ng	255478	3	15.18	418301	20.0
Cyclopentane, 1-b...	14.83	14.7	ng	307841	3	15.18	418301	20.0
unknown15.11	15.11	12.9	ng	270069	3	15.18	418301	20.0
Adamantane-1-carb...	15.84	31.3	ng	655413	3	15.18	418301	20.0
unknown15.87	15.87	8.8	ng	183545	3	15.18	418301	20.0
unknown16.00	16.00	25.5	ng	533219	3	15.18	418301	20.0