

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106321.D
 Acq On : 12 Jun 2018 3:08
 Operator : JU/SJ
 Sample : J3413-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-5

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.213	484	489	495	rBV	780443	1020486	12.01%	0.413%
2	5.596	548	554	557	rVV2	4659056	5991468	70.49%	2.427%
3	6.007	616	624	626	rBV3	547308	808031	9.51%	0.327%
4	6.143	644	647	650	rVB2	758867	698764	8.22%	0.283%
5	6.219	655	660	661	rBV	1394900	1562363	18.38%	0.633%
6	6.407	687	692	695	rBV4	760686	1253539	14.75%	0.508%
7	6.466	700	702	705	rVB	1694264	1288044	15.15%	0.522%
8	6.513	705	710	715	rBV4	1297383	2354453	27.70%	0.954%
9	6.554	715	717	719	rBV	1002961	788612	9.28%	0.319%
10	6.596	719	724	727	rVB	4200229	5149097	60.58%	2.086%
11	6.743	739	749	756	rVB2	4846461	8499912	100.00%	3.443%
12	6.813	756	761	762	rBV2	757546	767352	9.03%	0.311%
13	6.925	778	780	783	rBV2	843494	1012978	11.92%	0.410%
14	6.978	785	789	792	rVB2	3720848	4049334	47.64%	1.640%
15	7.025	792	797	800	rBV3	638867	1031216	12.13%	0.418%
16	7.078	800	806	809	rBV3	1076364	1615564	19.01%	0.654%
17	7.131	809	815	817	rBV3	4050518	5905878	69.48%	2.392%
18	7.148	817	818	823	rVB3	1151351	1055757	12.42%	0.428%
19	7.219	827	830	831	rBV	1138178	951860	11.20%	0.386%
20	7.243	831	834	836	rVB	2209432	2106828	24.79%	0.853%
21	7.266	836	838	840	rBV	1080893	845068	9.94%	0.342%
22	7.348	848	852	854	rBV2	1296517	1464291	17.23%	0.593%
23	7.372	854	856	858	rVB	1335187	926354	10.90%	0.375%
24	7.395	858	860	865	rVB4	911448	1110620	13.07%	0.450%
25	7.448	865	869	872	rBV4	504211	797008	9.38%	0.323%
26	7.507	873	879	881	rBV2	4188019	5430813	63.89%	2.200%
27	7.543	881	885	888	rVB3	3974345	4938585	58.10%	2.001%
28	7.613	892	897	900	rBV4	2329353	3741687	44.02%	1.516%
29	7.666	900	906	909	rBV3	1767760	3066173	36.07%	1.242%
30	7.719	910	915	916	rBV4	807884	1090338	12.83%	0.442%
31	7.742	916	919	922	rVB2	2494474	2308055	27.15%	0.935%
32	7.784	922	926	931	rVB4	2137409	2645526	31.12%	1.072%
33	7.854	933	938	939	rBV2	1556507	1945920	22.89%	0.788%
34	7.872	939	941	943	rVB	1968540	1356496	15.96%	0.549%

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106321.D
 Acq On : 12 Jun 2018 3:08
 Operator : JU/SJ
 Sample : J3413-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-5

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.901	943	946	948	rBV4	2030573	2211892	26.02%	0.896%
36	7.925	948	950	954	rVB3	2574765	2668148	31.39%	1.081%
37	7.960	954	956	959	rVB2	1165262	1037589	12.21%	0.420%
38	7.995	959	962	968	rBV3	3815046	4766325	56.07%	1.931%
39	8.072	972	975	978	rBV3	1475047	1650931	19.42%	0.669%
40	8.125	981	984	987	rVB2	1895300	2069171	24.34%	0.838%
41	8.154	987	989	992	rBV2	1062659	1233629	14.51%	0.500%
42	8.207	993	998	1001	rBV5	1507924	2704105	31.81%	1.095%
43	8.248	1001	1005	1006	rBV2	1801498	2192439	25.79%	0.888%
44	8.313	1012	1016	1018	rVB2	4573690	6057845	71.27%	2.454%
45	8.342	1018	1021	1023	rBV3	2311159	2300586	27.07%	0.932%
46	8.407	1029	1032	1034	rBV4	1221278	1320689	15.54%	0.535%
47	8.437	1034	1037	1038	rVV2	1088650	1096049	12.89%	0.444%
48	8.460	1038	1041	1044	rVV2	2409280	2699309	31.76%	1.093%
49	8.507	1046	1049	1050	rBV2	1215783	1111932	13.08%	0.450%
50	8.548	1051	1056	1060	rVB5	3251801	5003877	58.87%	2.027%
51	8.601	1063	1065	1068	rVB3	908204	951120	11.19%	0.385%
52	8.642	1068	1072	1074	rBV	2295676	2474820	29.12%	1.003%
53	8.678	1074	1078	1080	rVV2	3651446	4111602	48.37%	1.666%
54	8.701	1080	1082	1084	rVV3	1028554	939047	11.05%	0.380%
55	8.725	1084	1086	1089	rVB	1761558	1555648	18.30%	0.630%
56	8.766	1089	1093	1095	rBV2	3730365	3669390	43.17%	1.486%
57	8.825	1101	1103	1105	rVB2	982136	760085	8.94%	0.308%
58	8.848	1105	1107	1111	rBV4	1617545	2132215	25.09%	0.864%
59	8.984	1126	1130	1132	rVB	3513041	4215411	49.59%	1.708%
60	9.007	1132	1134	1136	rVB3	1105648	866816	10.20%	0.351%
61	9.037	1136	1139	1141	rBV3	1192202	1312318	15.44%	0.532%
62	9.084	1141	1147	1149	rVV2	3534975	4541097	53.43%	1.840%
63	9.201	1164	1167	1170	rBV4	1376020	1535269	18.06%	0.622%
64	9.278	1177	1180	1183	rBV2	2688271	2834938	33.35%	1.148%
65	9.337	1186	1190	1195	rVB	3308534	4111174	48.37%	1.665%
66	9.419	1200	1204	1207	rBV3	2587250	3372478	39.68%	1.366%
67	9.489	1214	1216	1219	rVB2	1701723	1506195	17.72%	0.610%
68	9.537	1222	1224	1230	rVB	1834953	2129498	25.05%	0.863%
69	9.619	1232	1238	1240	rBV2	2713657	4601987	54.14%	1.864%
70	9.689	1246	1250	1252	rBV	1998944	2941527	34.61%	1.192%
71	9.719	1252	1255	1256	rVV2	1992613	2193529	25.81%	0.889%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106321.D
 Acq On : 12 Jun 2018 3:08
 Operator : JU/SJ
 Sample : J3413-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-5

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.736	1256	1258	1261	rVB2	3528962	3869832	45.53%	1.568%
73	9.766	1261	1263	1265	rVB3	1093619	876941	10.32%	0.355%
74	9.801	1266	1269	1271	rBV2	2066992	2415339	28.42%	0.978%
75	9.889	1281	1284	1286	rVV2	2219680	2481877	29.20%	1.005%
76	9.936	1290	1292	1294	rVB3	1605245	1272701	14.97%	0.516%
77	10.125	1321	1324	1329	rBV	2304348	3615817	42.54%	1.465%
78	10.166	1329	1331	1335	rVV2	1207682	1661122	19.54%	0.673%
79	10.207	1335	1338	1339	rVV2	1483376	1605056	18.88%	0.650%
80	10.225	1339	1341	1345	rVB	2356585	2331877	27.43%	0.945%
81	10.266	1345	1348	1357	rVB3	3191993	5570928	65.54%	2.257%
82	10.342	1357	1361	1363	rBV	2608093	3065678	36.07%	1.242%
83	10.372	1363	1366	1372	rVB2	2400674	3244928	38.18%	1.314%
84	10.436	1372	1377	1378	rBV3	2065056	2906797	34.20%	1.178%
85	10.666	1410	1416	1422	rVB3	3327241	6567776	77.27%	2.661%
86	10.713	1422	1424	1431	rVB4	1120161	1738519	20.45%	0.704%
87	10.813	1439	1441	1445	rBV5	1295894	1785433	21.01%	0.723%
88	10.936	1457	1462	1468	rVB2	4188526	7053872	82.99%	2.857%
89	11.260	1515	1517	1519	rBV3	871706	749610	8.82%	0.304%
90	11.395	1536	1540	1546	rVB2	3484993	5470408	64.36%	2.216%
91	11.513	1556	1560	1562	rBV3	1350235	1647824	19.39%	0.668%
92	11.536	1562	1564	1567	rVB	1256685	1150303	13.53%	0.466%
93	11.742	1596	1599	1605	rBV2	1825986	2081743	24.49%	0.843%
94	12.013	1642	1645	1648	rBV	1602421	1771822	20.85%	0.718%
95	12.042	1648	1650	1653	rVB	1780665	1448862	17.05%	0.587%
96	12.560	1735	1738	1741	rVB	1351663	1227829	14.45%	0.497%
97	13.001	1811	1813	1817	rVB	704387	721419	8.49%	0.292%
98	13.089	1825	1828	1831	rVB	3830970	3662418	43.09%	1.484%
99	14.142	2004	2007	2011	rBV	1478327	1331033	15.66%	0.539%
100	15.671	2261	2267	2277	rVB	809018	1074461	12.64%	0.435%

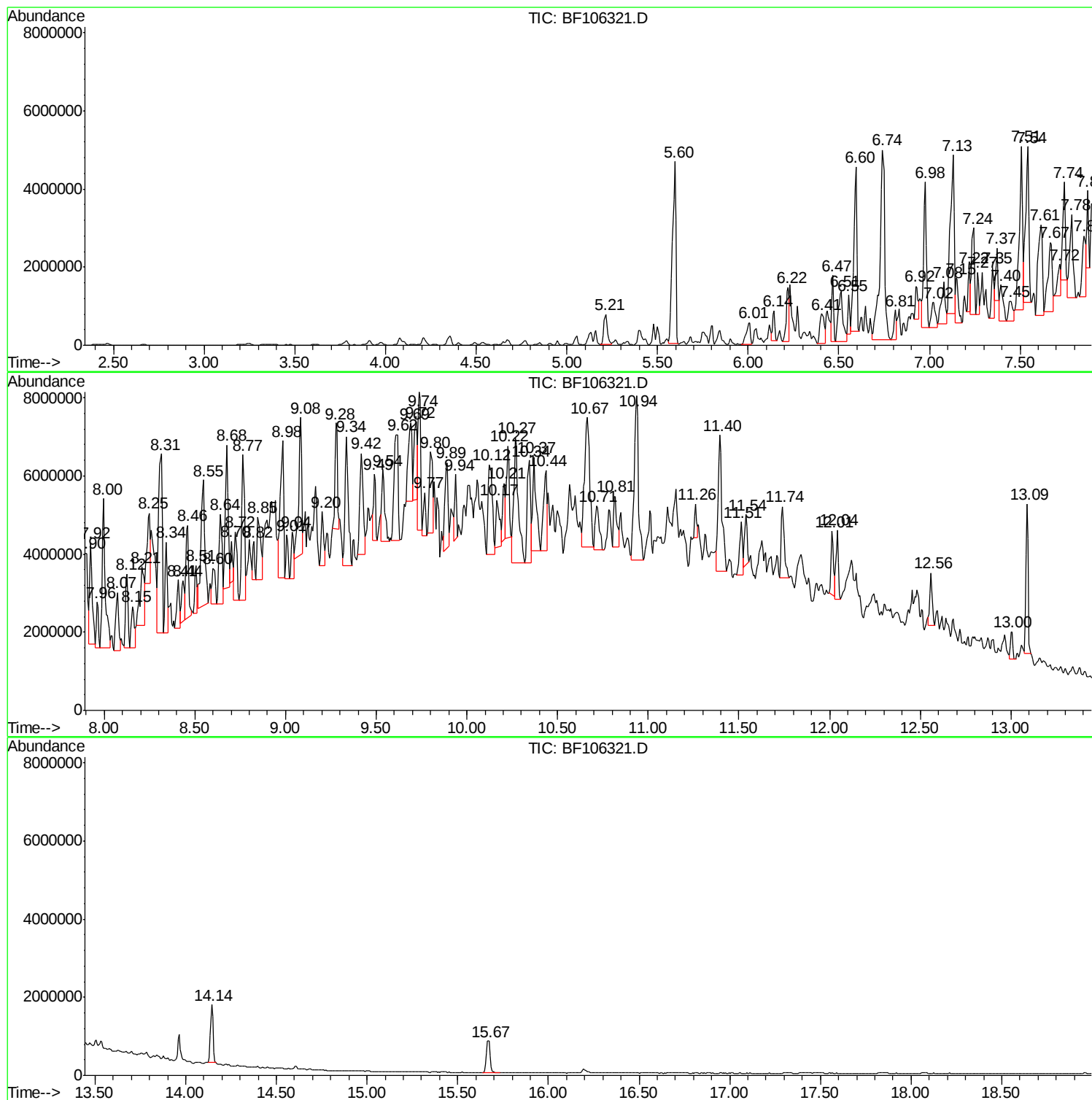
Sum of corrected areas: 246861375

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

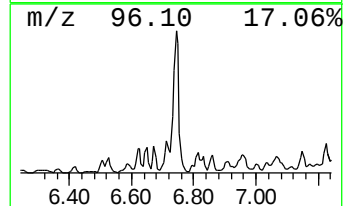
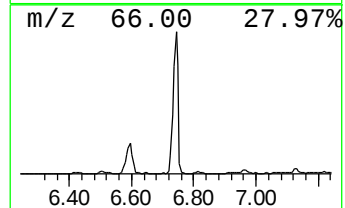
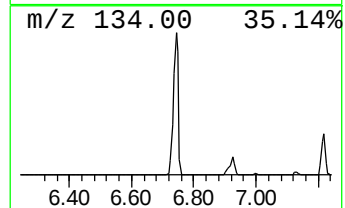
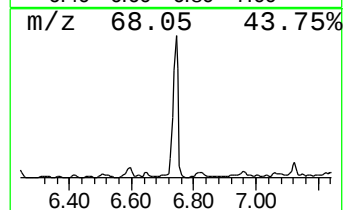
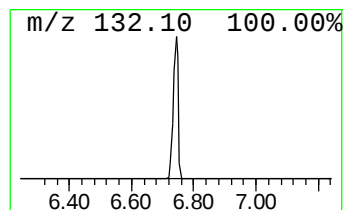
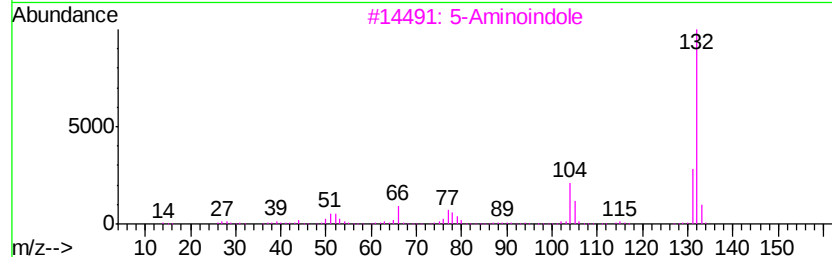
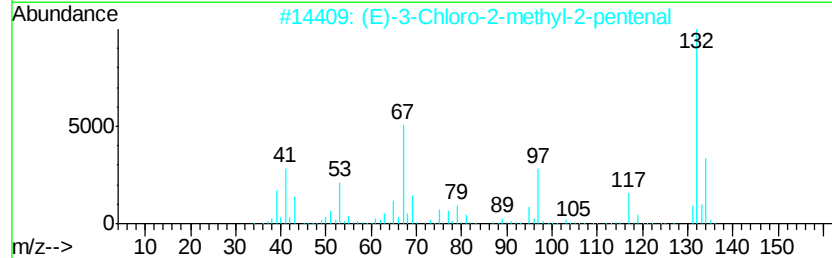
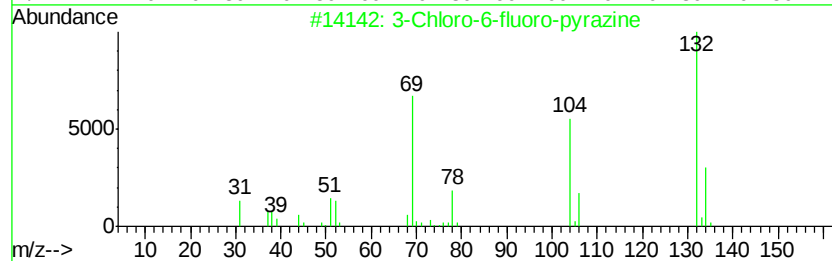
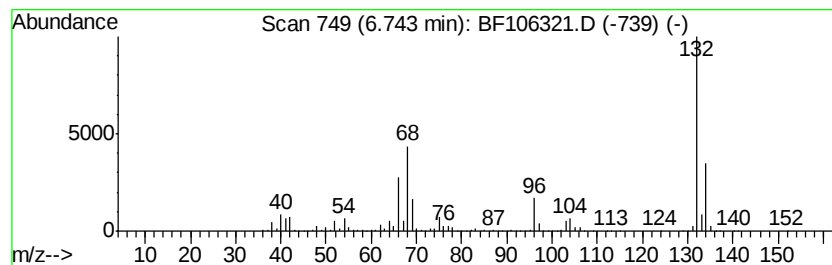
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.74 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	41.98 ng	8499910	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

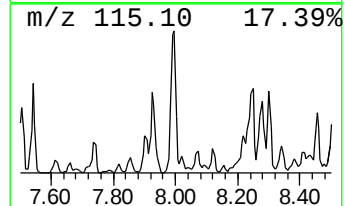
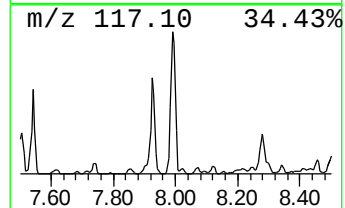
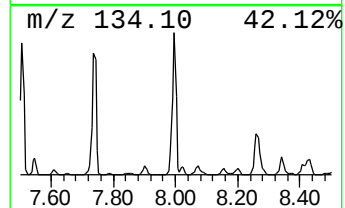
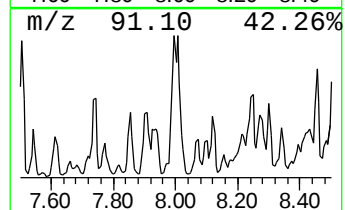
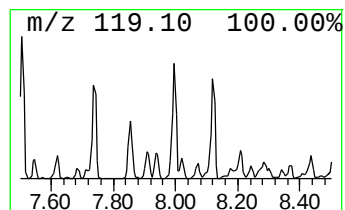
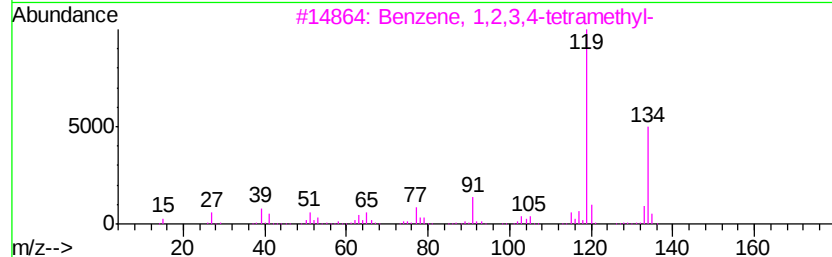
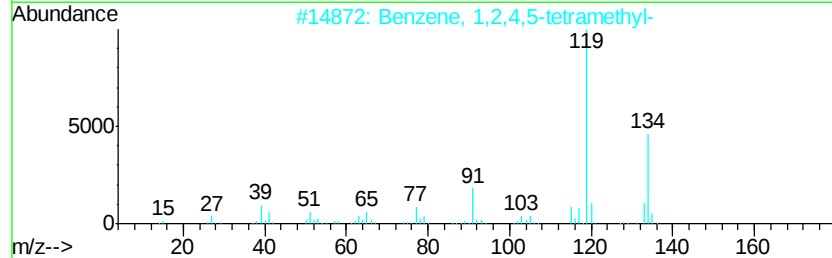
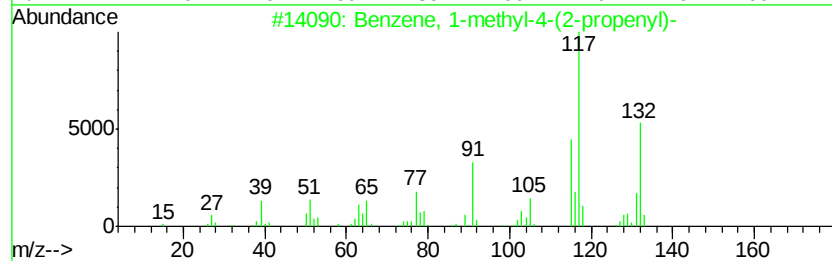
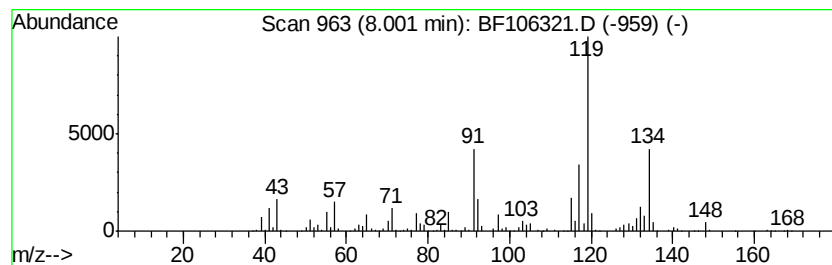
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1-methyl-4-(2-prop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	43.48 ng	4766330	Napthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

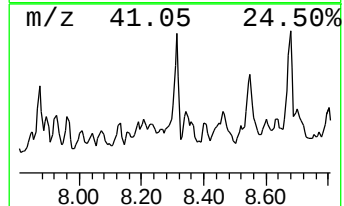
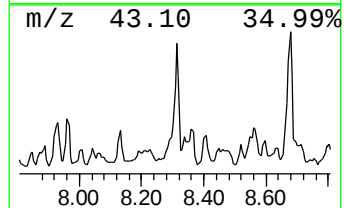
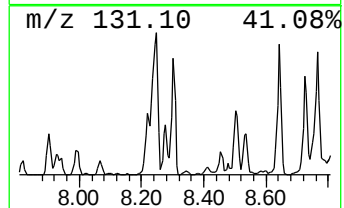
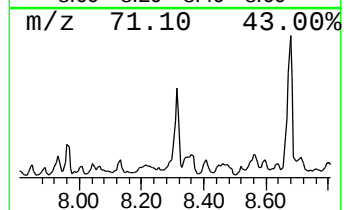
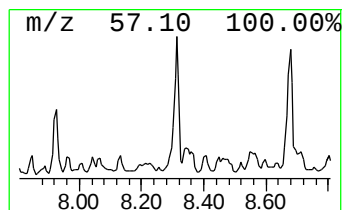
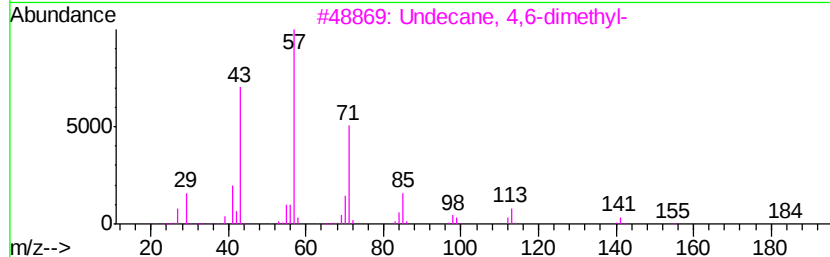
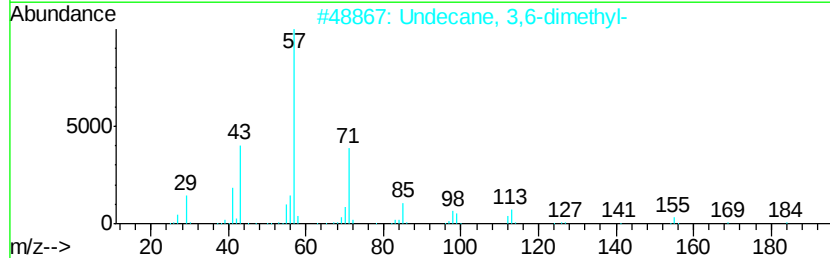
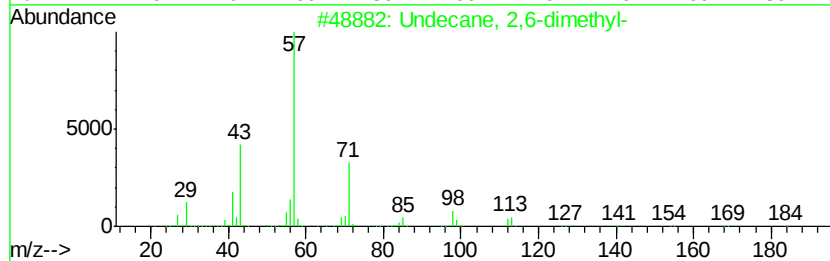
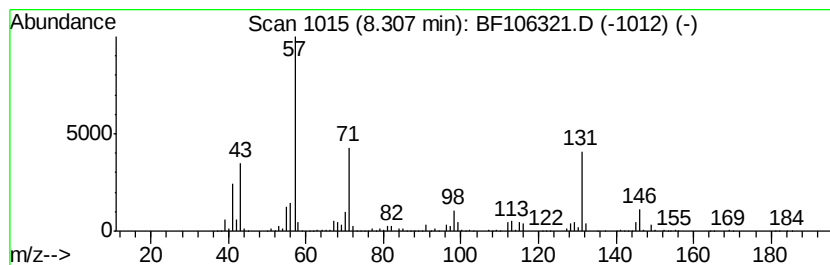
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	55.26 ng	6057850	Naphthalene-d8	8.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane,	2,6-dimethyl-		184	C13H28	017301-23-4	94
2	Undecane,	3,6-dimethyl-		184	C13H28	017301-28-9	78
3	Undecane,	4,6-dimethyl-		184	C13H28	017312-82-2	72
4	Undecane,	3,5-dimethyl-		184	C13H28	017312-81-1	72
5	Sulfurous acid,	dodecyl 2-ethylh...		362	C20H42O3S	1000309-19-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

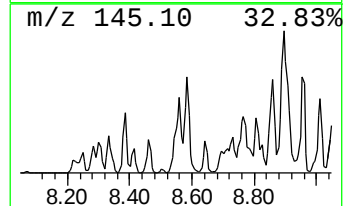
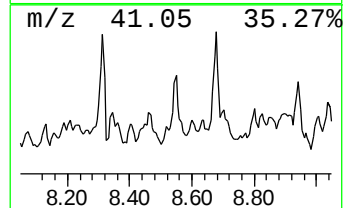
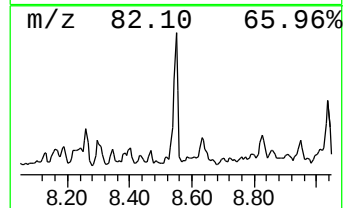
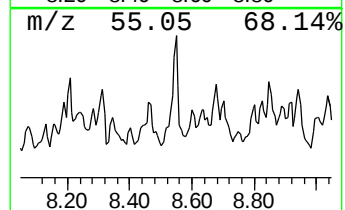
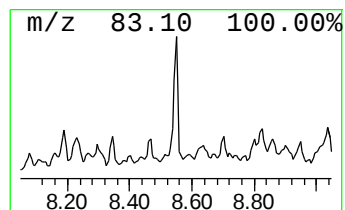
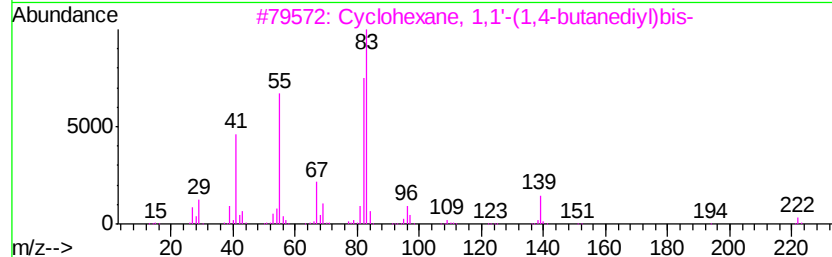
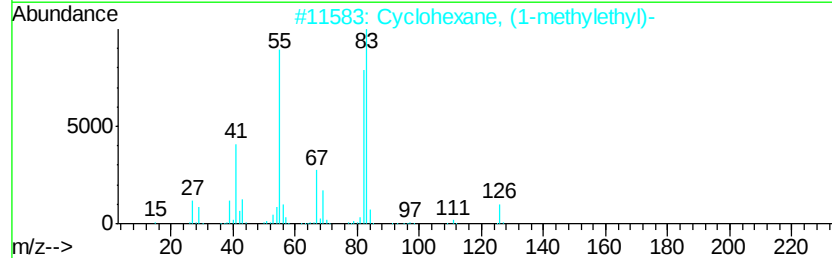
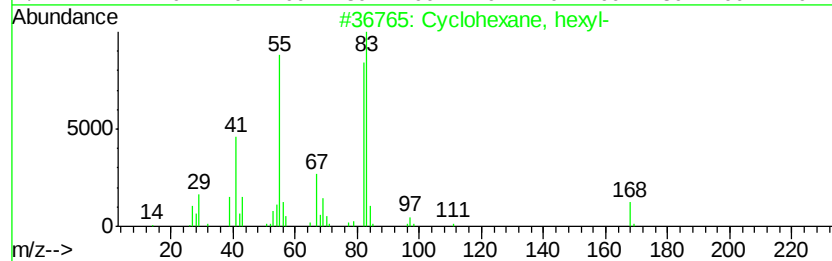
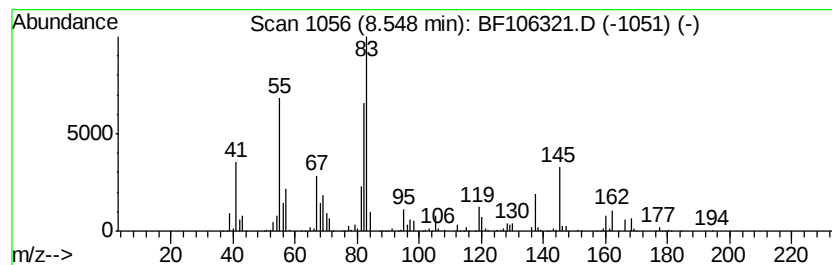
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	45.65 ng	5003880	Naphthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	62
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58
3		Cyclohexane, 1,1'-(1,4-butanediyl)bis-	222	C16H30	006165-44-2	53
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	52
5		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

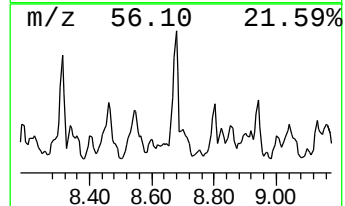
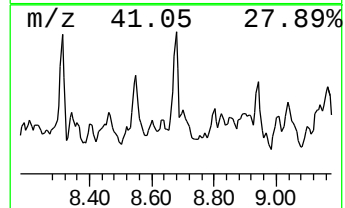
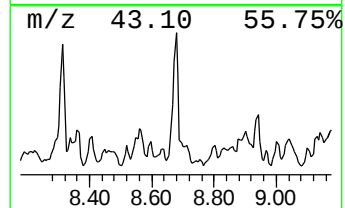
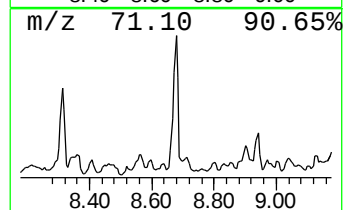
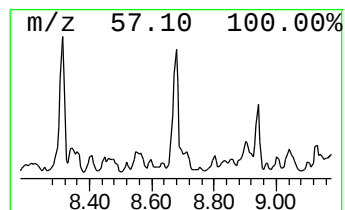
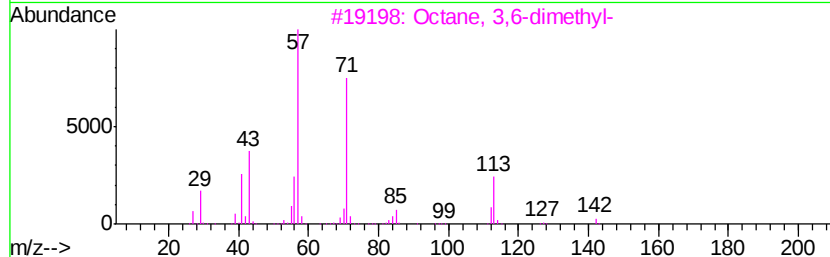
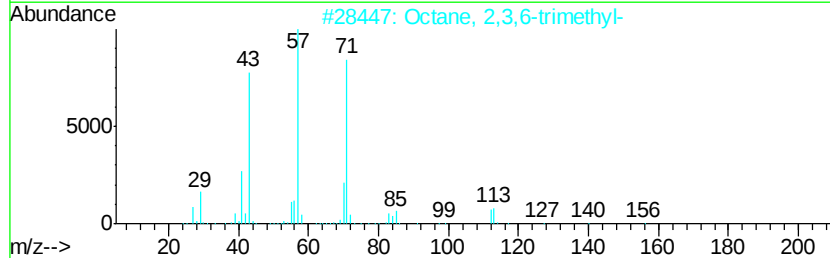
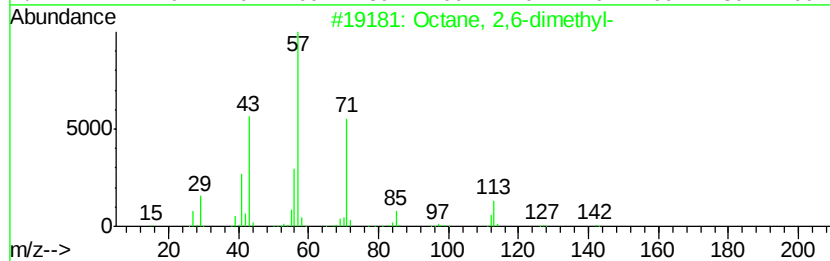
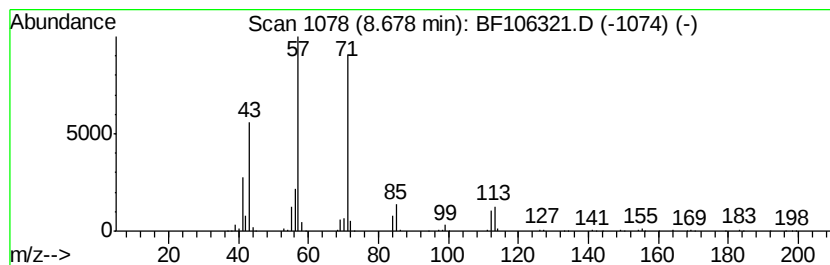
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	37.51 ng	4111600	Napthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

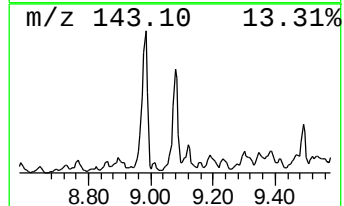
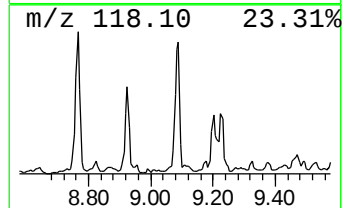
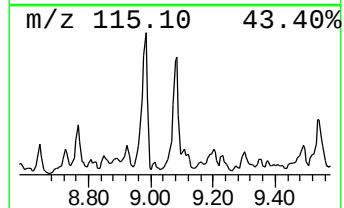
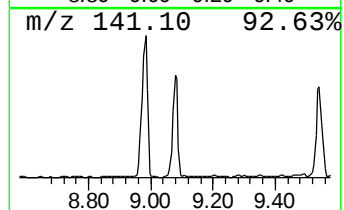
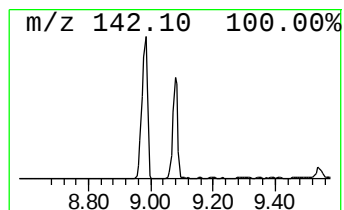
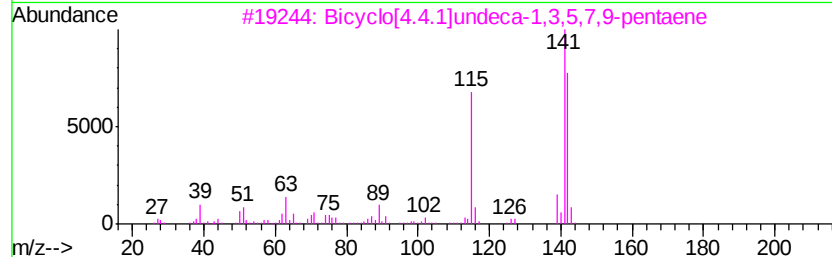
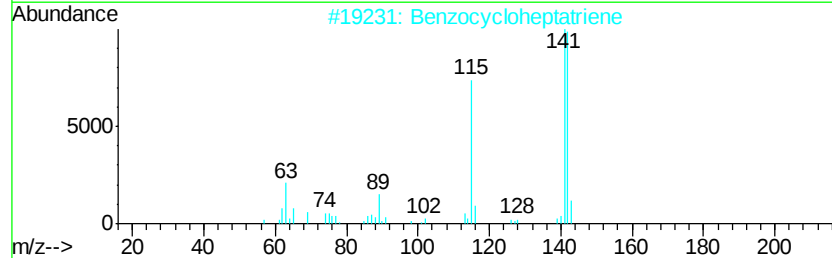
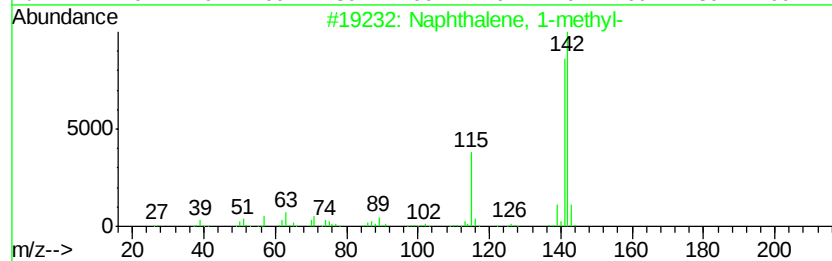
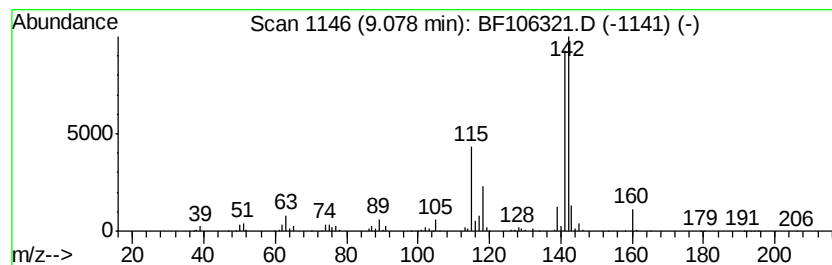
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	41.43 ng	4541100	Naphthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	86
2		Benzocycloheptatriene	142	C11H10	000264-09-5	70
3		Bicyclo[4.4.1]undeca-1,3,5,7,9-pentaene	142	C11H10	002443-46-1	70
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	70
5		1,4-Methanonaphthalene, 1,4-dihydro	142	C11H10	004453-90-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

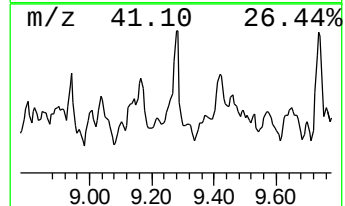
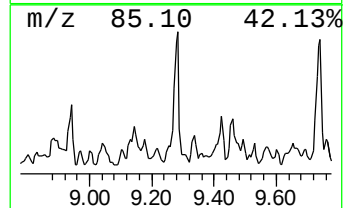
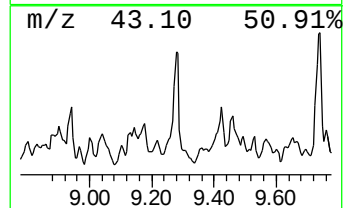
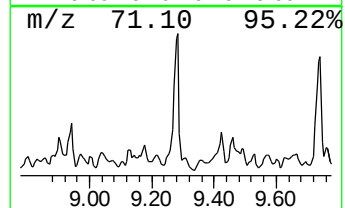
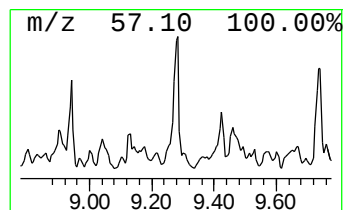
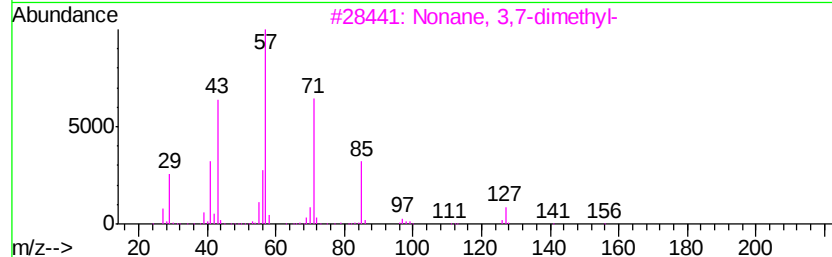
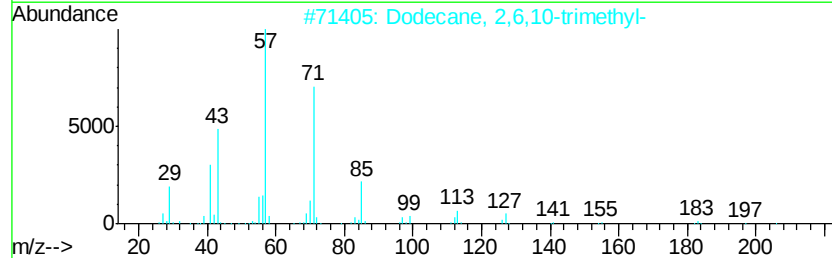
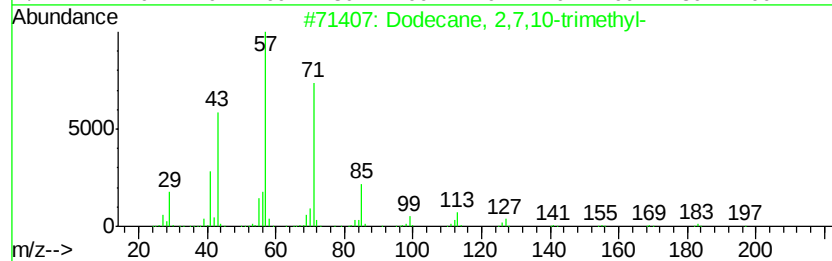
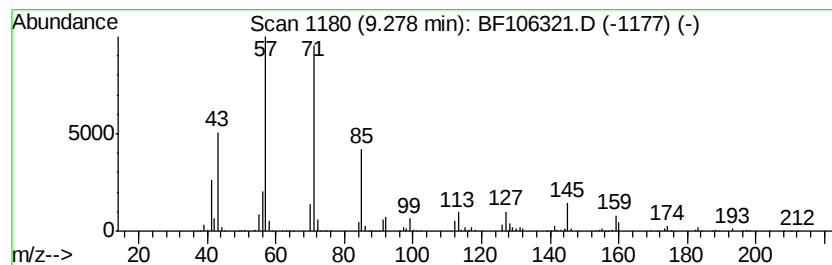
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	44.55 ng	2834940	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	62
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	53
5		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

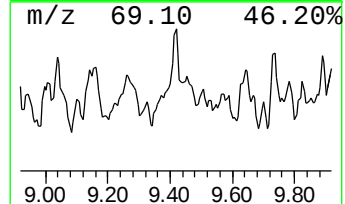
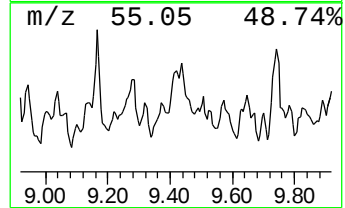
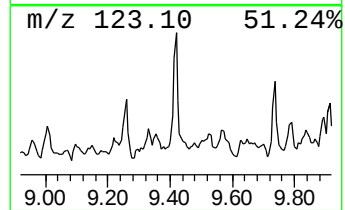
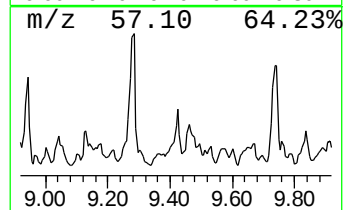
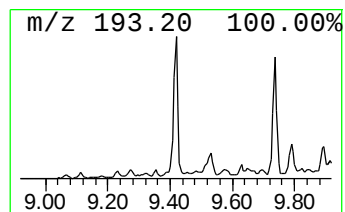
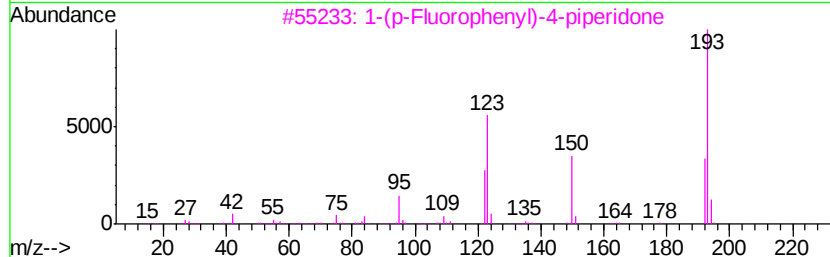
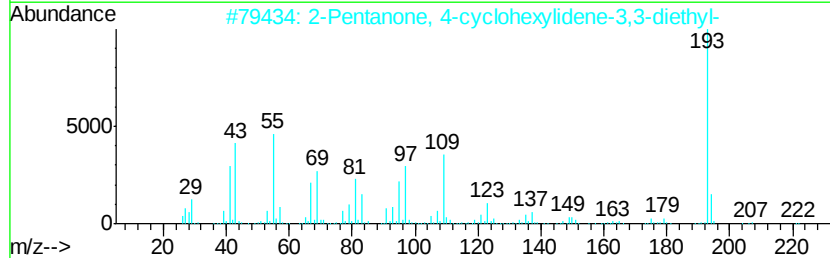
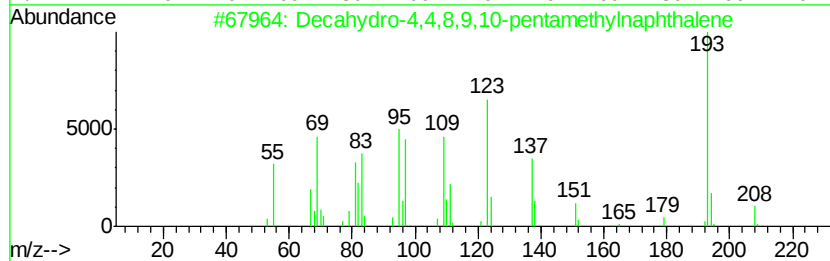
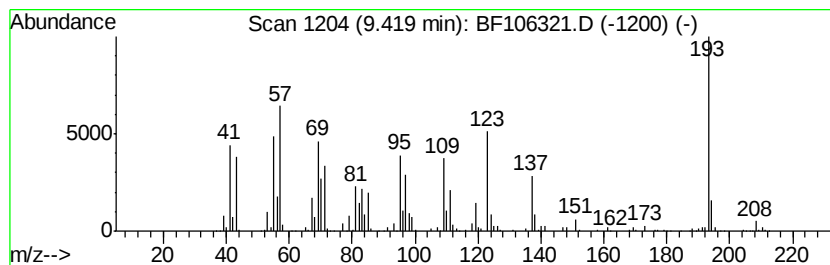
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decahydro-4,4,8,9,10-pentam... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	53.00 ng	3372480	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	87
2		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	43
3		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FN O	1000238-56-7	43
4		2-(1-Butyl-2-nitroallyl)cyclohex...	239	C13H21NO3	1000192-05-9	38
5		2-Anthracenamine	193	C14H11N	000613-13-8	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

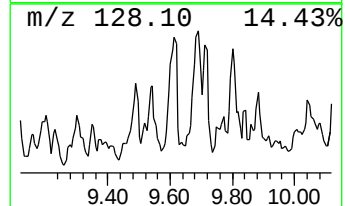
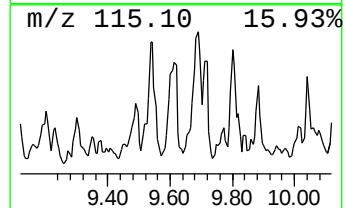
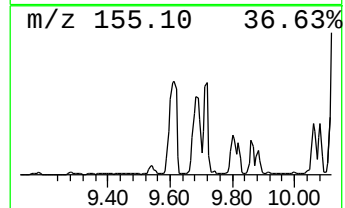
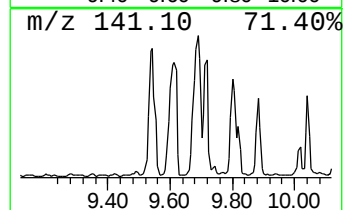
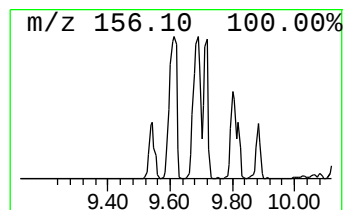
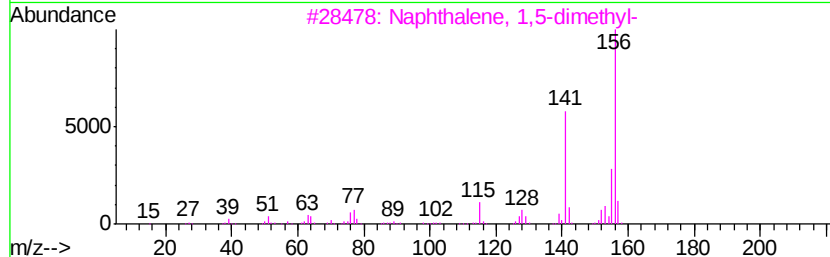
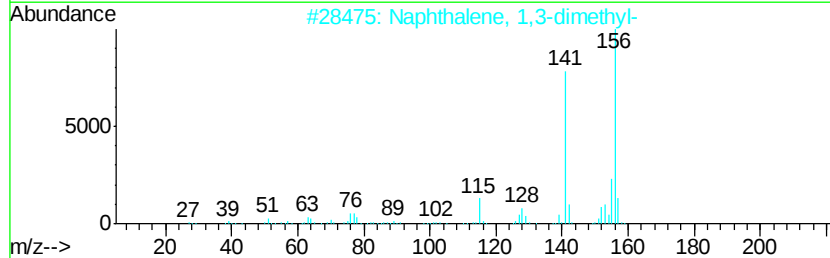
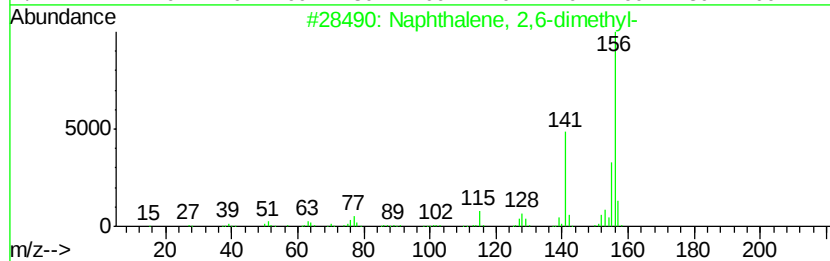
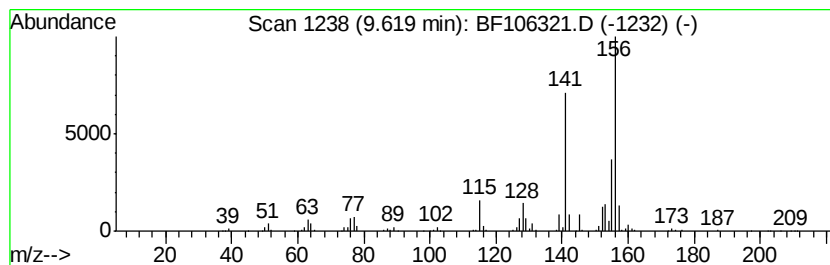
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	72.32 ng	4601990	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

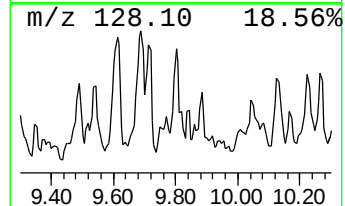
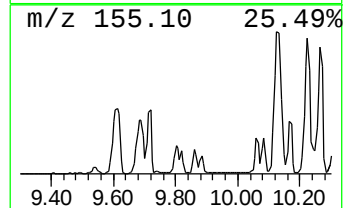
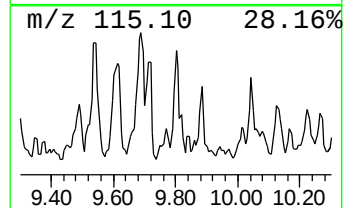
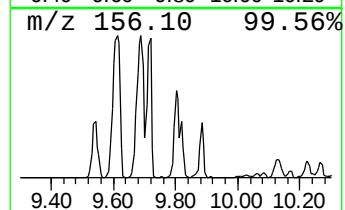
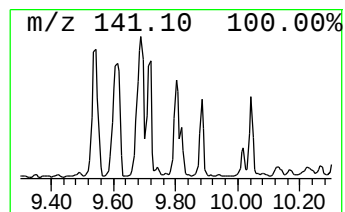
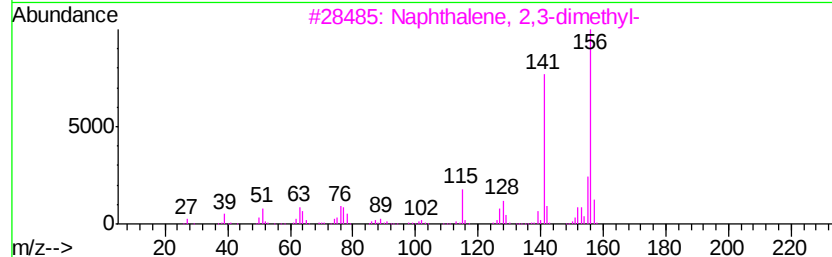
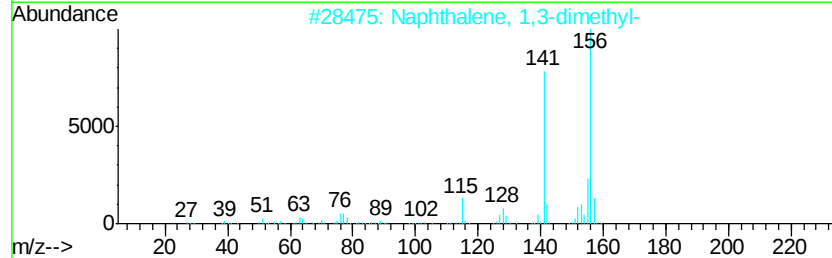
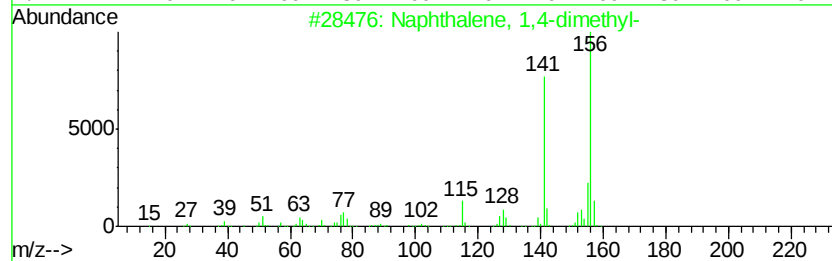
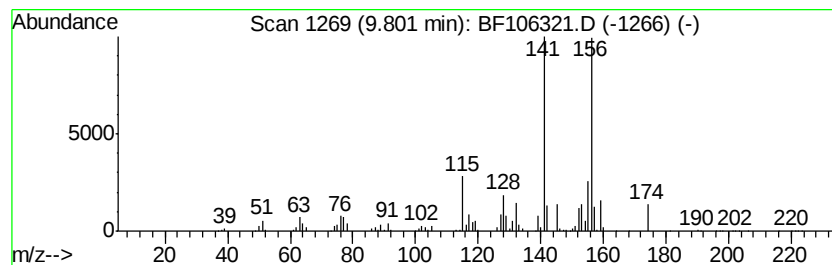
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	37.96 ng	2415340	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

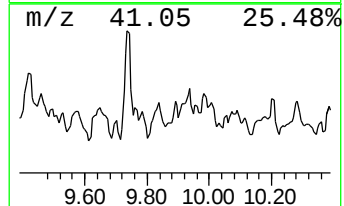
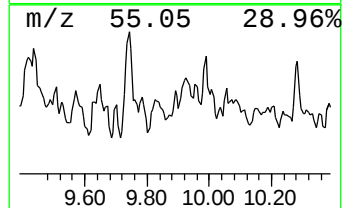
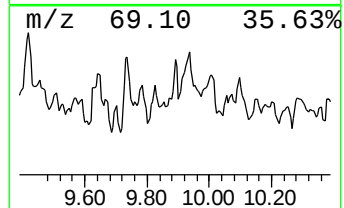
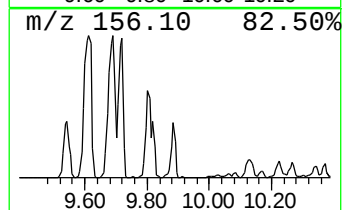
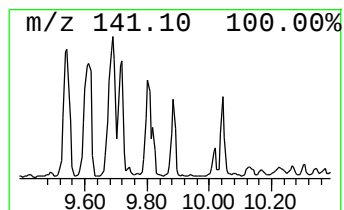
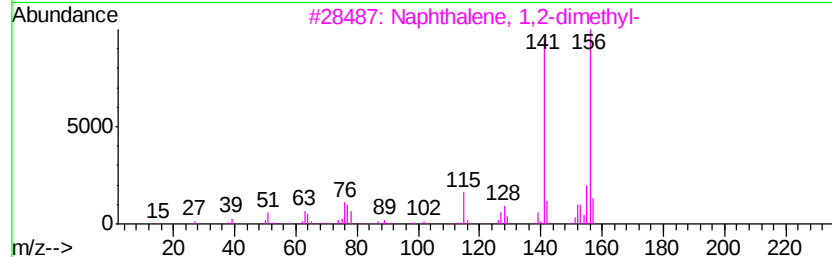
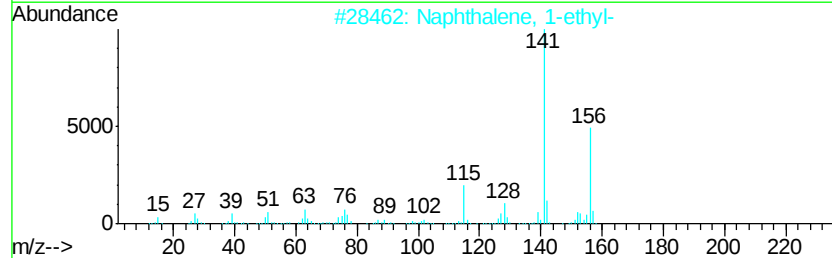
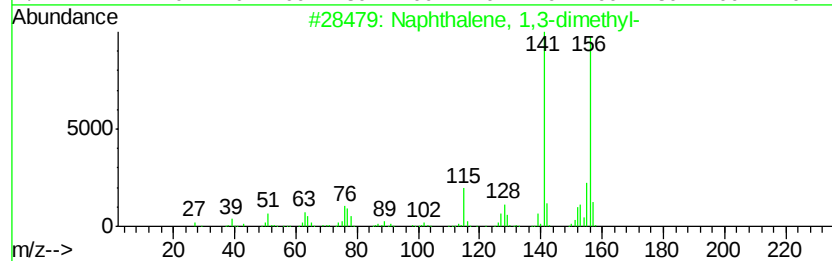
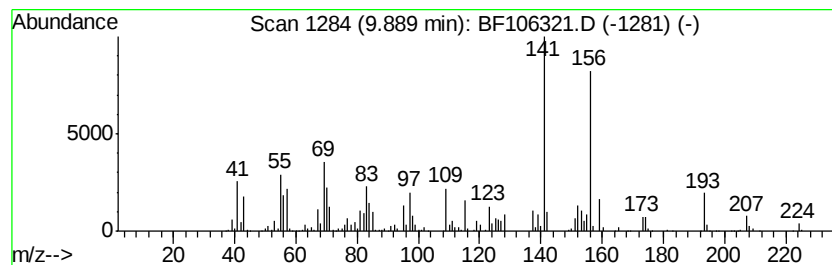
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	39.00 ng	2481880	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	64
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	58
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	58
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	53
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

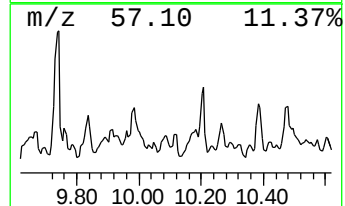
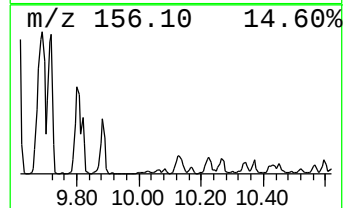
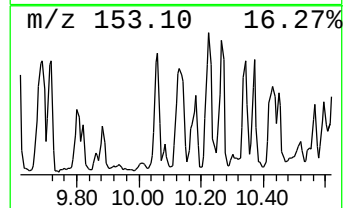
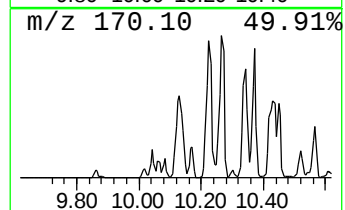
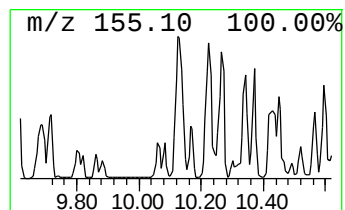
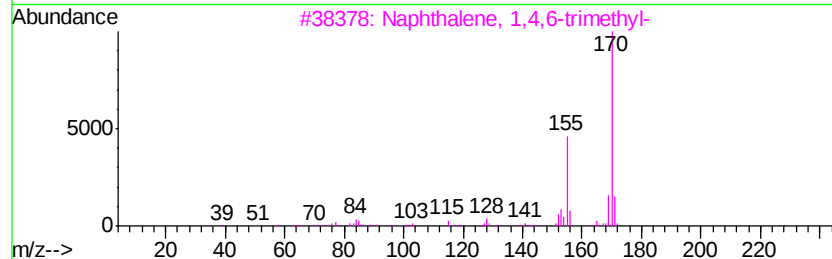
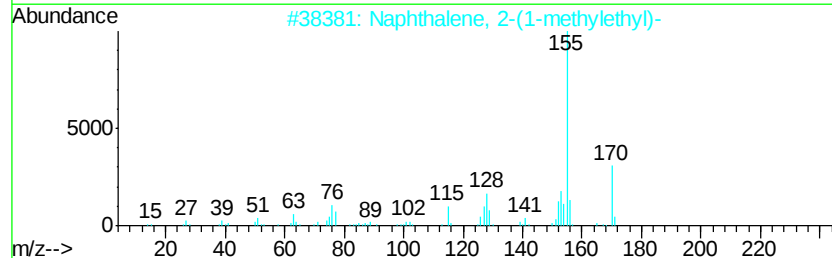
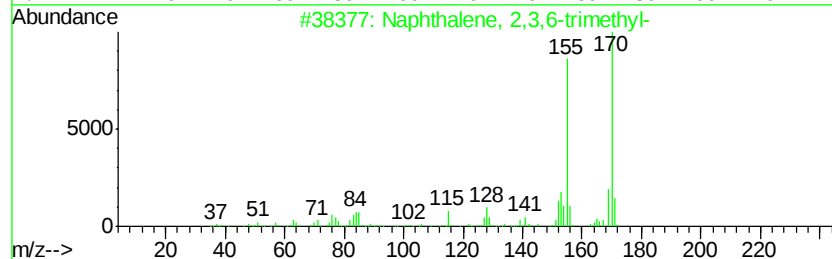
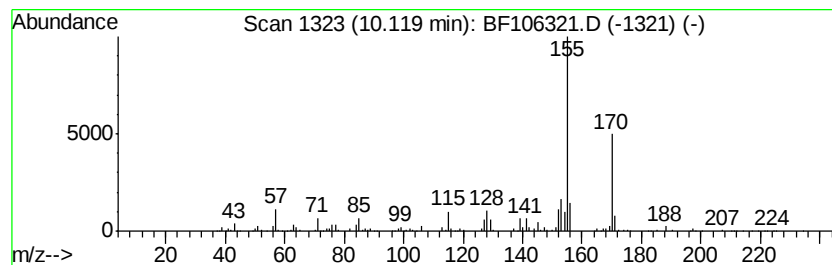
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	56.82 ng	3615820	Acenaphthene-d10	10.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5			Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

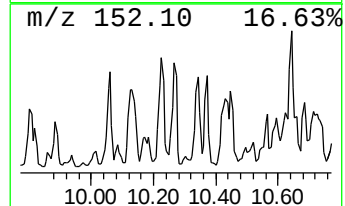
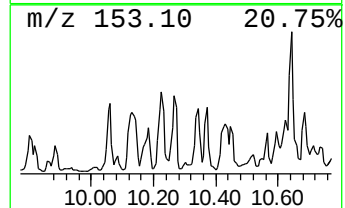
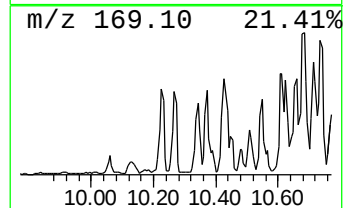
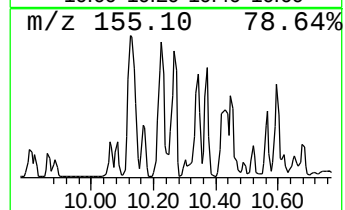
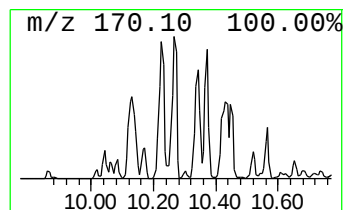
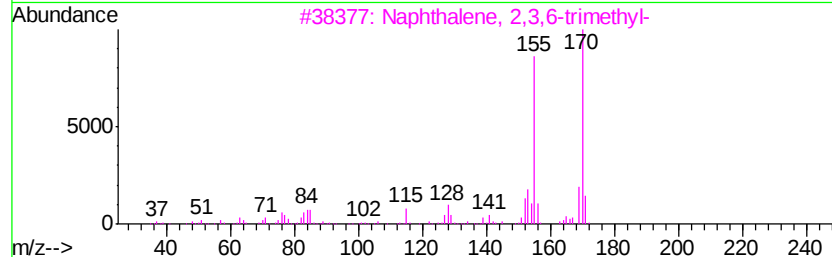
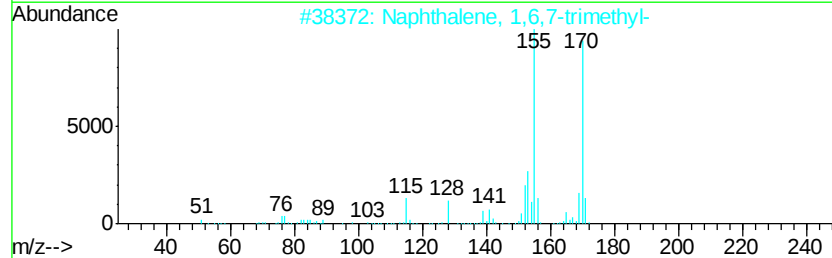
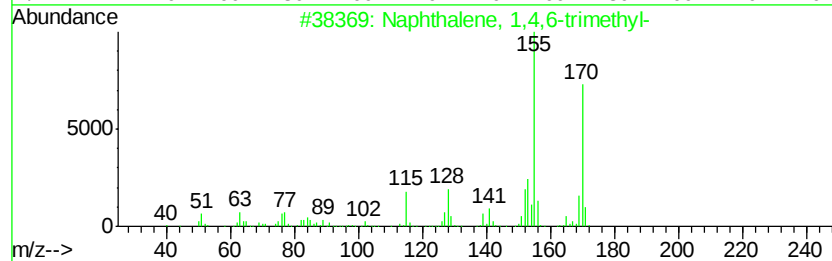
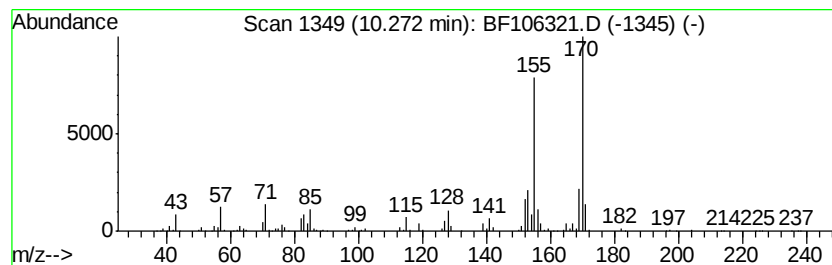
Instrument :
BNA_F
ClientSampleId :
D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.27	87.55 ng	5570930	Acenaphthene-d10	10.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

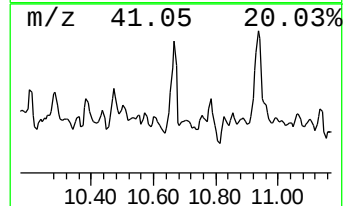
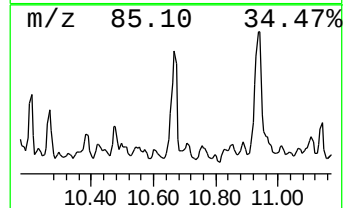
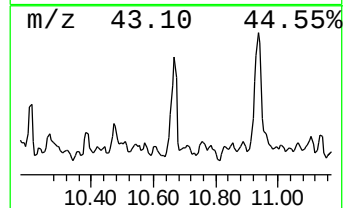
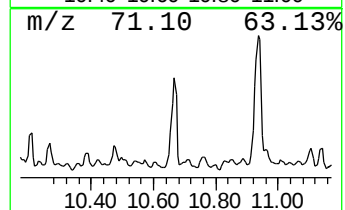
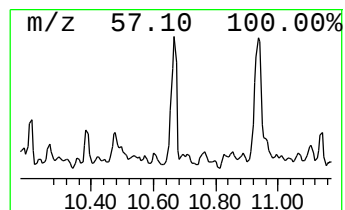
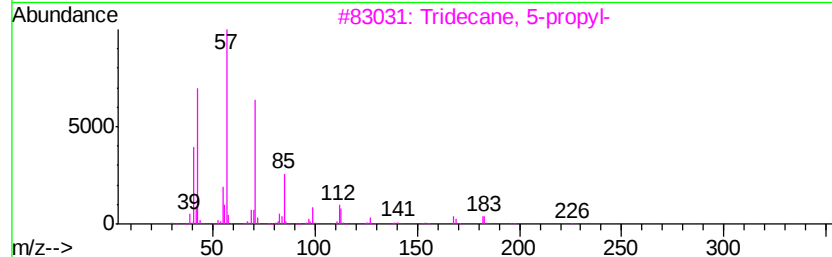
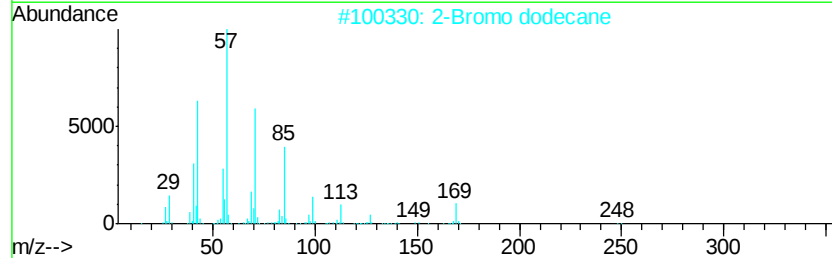
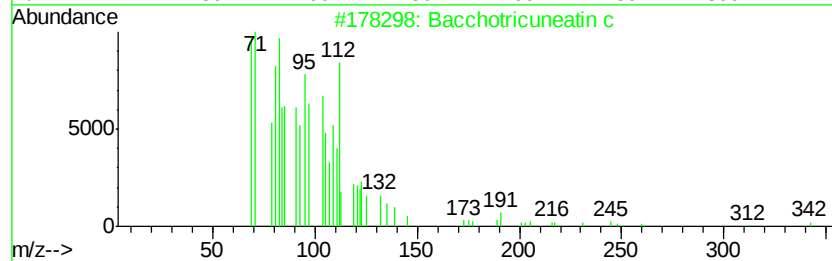
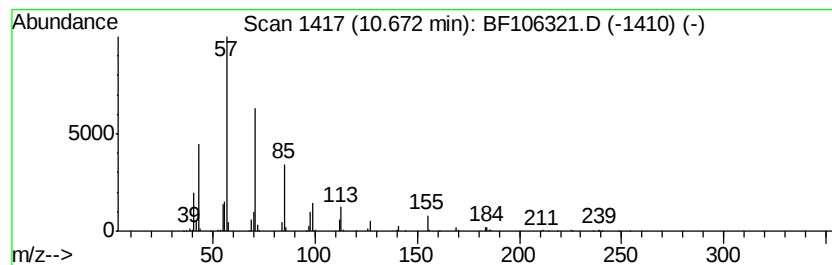
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Bacchotricuneatin c Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	103.21 ng	6567780	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	90
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
4		Hexadecane	226	C16H34	000544-76-3	80
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

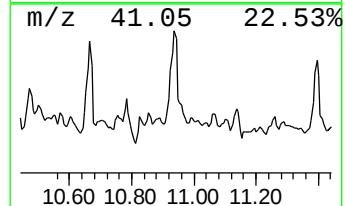
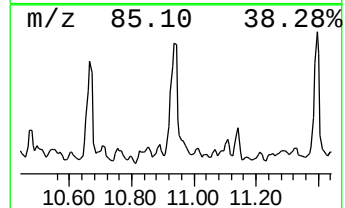
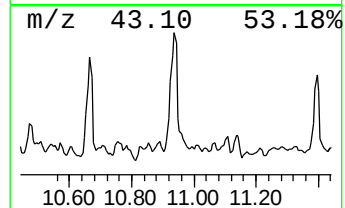
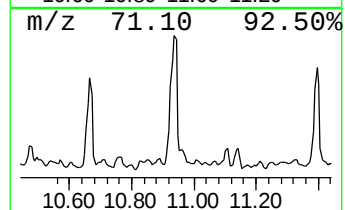
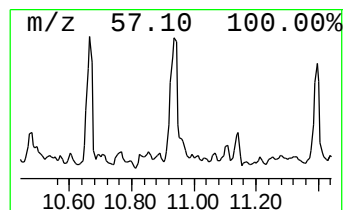
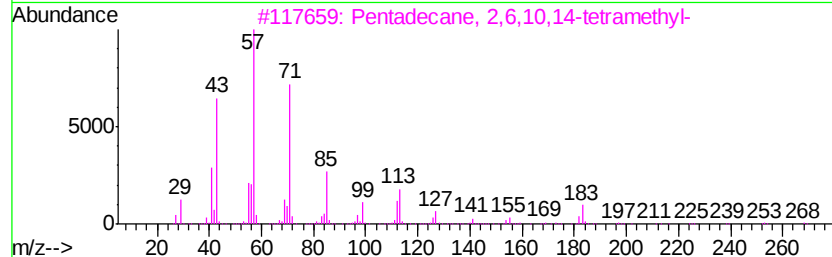
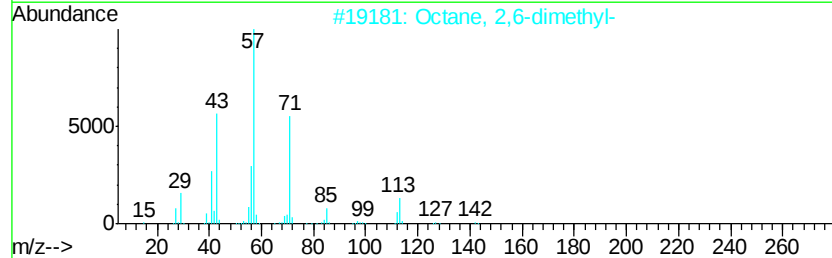
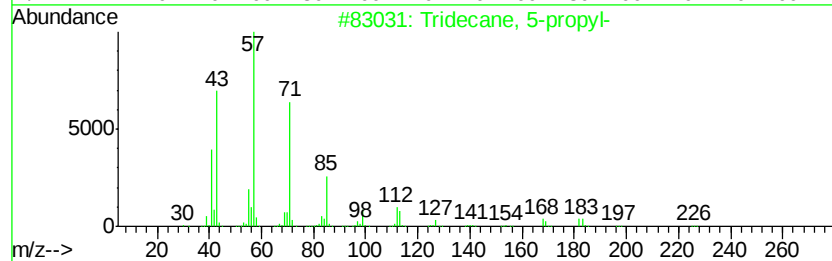
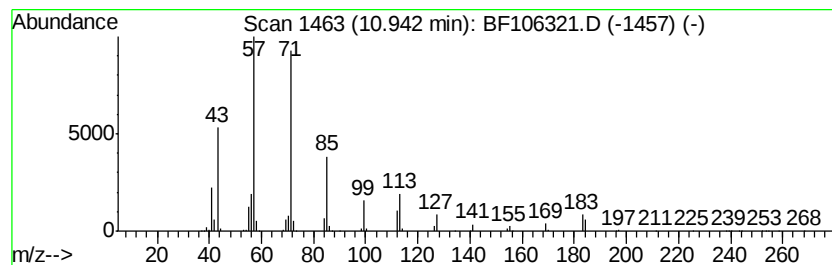
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	85.61 ng	7053870	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	52
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	52
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106321.D
Acq On : 12 Jun 2018 3:08
Operator : JU/SJ
Sample : J3413-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D-5

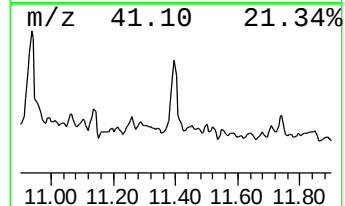
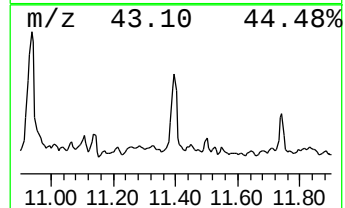
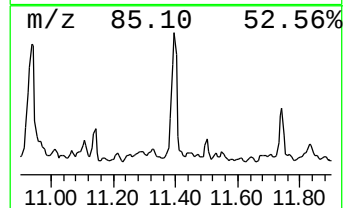
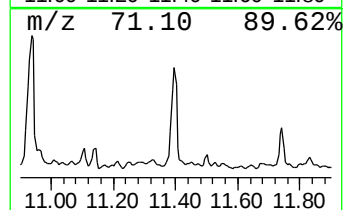
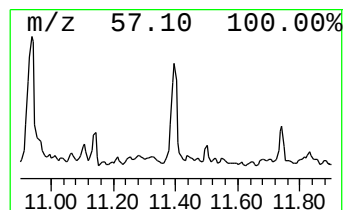
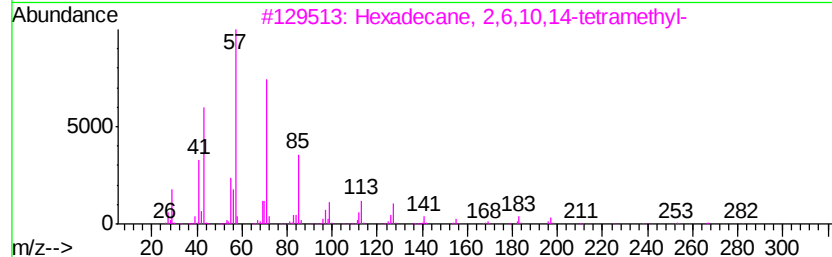
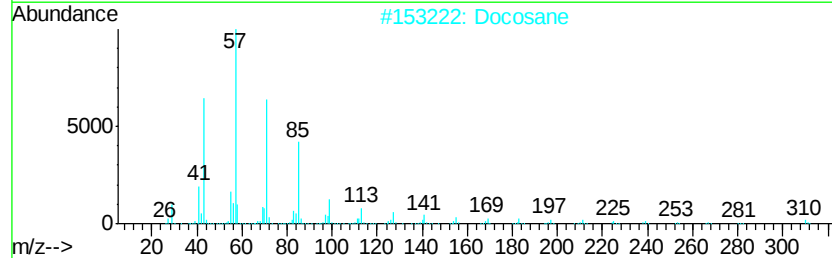
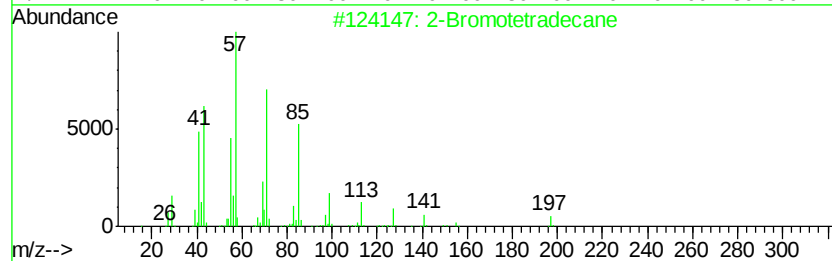
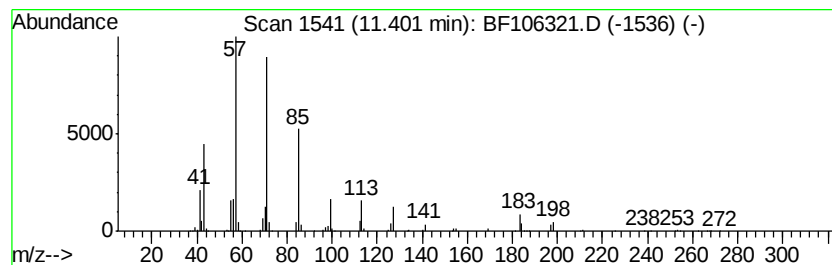
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Bromotetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	66.40 ng	5470410	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
2	Docosane	310	C22H46	000629-97-0	83
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106321.D
 Acq On : 12 Jun 2018 3:08
 Operator : JU/SJ
 Sample : J3413-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.74	6.74	42.0	ng	8499910	1	6.97	4049330	20.0
Benzene, 1-methyl...	8.00	43.5	ng	4766330	2	8.26	2192440	20.0
Undecane, 2,6-dim...	8.31	55.3	ng	6057850	2	8.26	2192440	20.0
Cyclohexane, hexyl-	8.55	45.6	ng	5003880	2	8.26	2192440	20.0
Octane, 2,6-dimet...	8.68	37.5	ng	4111600	2	8.26	2192440	20.0
Naphthalene, 1-me...	9.08	41.4	ng	4541100	2	8.26	2192440	20.0
Dodecane, 2,7,10-...	9.28	44.5	ng	2834940	3	10.02	1272700	20.0
Decahydro-4,4,8,9...	9.42	53.0	ng	3372480	3	10.02	1272700	20.0
Naphthalene, 2,6-...	9.62	72.3	ng	4601990	3	10.02	1272700	20.0
Naphthalene, 1,4-...	9.80	38.0	ng	2415340	3	10.02	1272700	20.0
Naphthalene, 1,3-...	9.89	39.0	ng	2481880	3	10.02	1272700	20.0
Naphthalene, 2,3,...	10.12	56.8	ng	3615820	3	10.02	1272700	20.0
Naphthalene, 1,4,...	10.27	87.5	ng	5570930	3	10.02	1272700	20.0
Bacchotricuneatin c	10.67	103.2	ng	6567780	3	10.02	1272700	20.0
Tridecane, 5-propyl-	10.94	85.6	ng	7053870	4	11.51	1647820	20.0
2-Bromotetradecane	11.40	66.4	ng	5470410	4	11.51	1647820	20.0