

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
 Data File : BF093040.D
 Acq On : 20 Feb 2017 20:42
 Operator : SJ/MA
 Sample : I1910-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HARMONBLDG30-RW-1

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-BF013017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.396	199	202	205	rVB2	123417	200038	1.94%	0.080%
2	4.933	246	249	252	rVB2	307283	507534	4.93%	0.203%
3	5.001	252	255	259	rBV2	605561	941357	9.15%	0.376%
4	5.207	270	273	275	rBV	400196	453382	4.41%	0.181%
5	5.299	279	281	282	rBV	281927	251090	2.44%	0.100%
6	5.401	286	290	291	rBV2	531767	593194	5.76%	0.237%
7	5.436	291	293	295	rVB	1744980	1626428	15.81%	0.649%
8	5.493	297	298	304	rVB3	136632	281011	2.73%	0.112%
9	5.584	304	306	308	rBV2	346728	515472	5.01%	0.206%
10	5.630	308	310	311	rVB	422369	396683	3.85%	0.158%
11	5.676	311	314	318	rVB2	273602	564339	5.48%	0.225%
12	5.847	325	329	331	rBV2	485499	811952	7.89%	0.324%
13	5.893	331	333	338	rBV3	310258	772630	7.51%	0.308%
14	5.984	338	341	343	rVB2	949737	1262805	12.27%	0.504%
15	6.030	343	345	348	rBV2	366623	789357	7.67%	0.315%
16	6.076	348	349	353	rVB2	1645094	2610854	25.37%	1.042%
17	6.133	353	354	356	rBV	779381	909333	8.84%	0.363%
18	6.167	356	357	364	rVB5	353400	1019140	9.90%	0.407%
19	6.270	364	366	368	rBV2	1049017	1490585	14.49%	0.595%
20	6.316	368	370	371	rBV2	449951	536636	5.22%	0.214%
21	6.339	371	372	373	rBV	1421542	982413	9.55%	0.392%
22	6.373	373	375	379	rVB2	1215959	2052157	19.94%	0.819%
23	6.430	379	380	383	rBV2	1024705	1290038	12.54%	0.515%
24	6.476	383	384	388	rVB3	949491	1682516	16.35%	0.671%
25	6.544	388	390	391	rVB	401535	477888	4.64%	0.191%
26	6.579	391	393	394	rBV	1101171	1759093	17.09%	0.702%
27	6.613	394	396	400	rVB	3373456	4465134	43.39%	1.782%
28	6.704	400	404	405	rBV3	676456	1508486	14.66%	0.602%
29	6.864	408	418	420	rVB2	3490297	7732490	75.14%	3.086%
30	6.910	420	422	423	rBV	1321508	1553490	15.10%	0.620%
31	6.967	423	427	428	rBV3	1062317	1838299	17.86%	0.734%
32	7.002	428	430	434	rVB3	4280770	7231207	70.27%	2.886%
33	7.127	434	441	443	rBV3	2249029	6791096	66.00%	2.710%
34	7.162	443	444	446	rVB2	1534420	1637701	15.92%	0.654%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
 Data File : BF093040.D
 Acq On : 20 Feb 2017 20:42
 Operator : SJ/MA
 Sample : I1910-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HARMONBLDG30-RW-1

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-BF013017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.196	446	447	449	rBV2	599608	851264	8.27%	0.340%
36	7.242	449	451	453	rBV	2121878	2813732	27.34%	1.123%
37	7.322	457	458	461	rBV3	489118	1228782	11.94%	0.490%
38	7.390	461	464	466	rBV2	2426103	5553189	53.97%	2.216%
39	7.425	466	467	471	rVB3	3229048	4268536	41.48%	1.703%
40	7.505	471	474	476	rBV3	2091781	3564991	34.64%	1.423%
41	7.573	476	480	482	rBV2	2105022	4580443	44.51%	1.828%
42	7.665	482	488	490	rVB4	2548064	6879672	66.86%	2.746%
43	7.699	490	491	492	rBV	774487	702086	6.82%	0.280%
44	7.767	493	497	500	rBV4	2331515	6782826	65.92%	2.707%
45	7.825	500	502	504	rVB3	1977965	2565780	24.93%	1.024%
46	7.882	504	507	508	rBV2	2320140	3170381	30.81%	1.265%
47	7.905	508	509	512	rVB3	1346996	2046227	19.89%	0.817%
48	7.962	512	514	517	rBV3	1556459	2895079	28.13%	1.155%
49	8.019	517	519	521	rBV2	1500864	2730707	26.54%	1.090%
50	8.133	523	529	531	rBV5	3176141	10290192	100.00%	4.107%
51	8.213	531	536	540	rVB4	3278640	8833770	85.85%	3.525%
52	8.305	542	544	546	rBV3	1282569	2750289	26.73%	1.098%
53	8.350	546	548	550	rVB2	1910314	2465594	23.96%	0.984%
54	8.396	550	552	553	rBV2	916784	1415424	13.76%	0.565%
55	8.442	553	556	558	rVB3	2395941	3626229	35.24%	1.447%
56	8.533	562	564	566	rVB3	1484509	1942694	18.88%	0.775%
57	8.579	566	568	573	rVB2	3430859	8230557	79.98%	3.285%
58	8.659	573	575	576	rBV	2563727	2965960	28.82%	1.184%
59	8.693	576	578	581	rBV4	711722	1204429	11.70%	0.481%
60	8.750	581	583	585	rBV3	960768	1753422	17.04%	0.700%
61	8.853	590	592	595	rVB2	2149801	3305068	32.12%	1.319%
62	8.910	595	597	598	rBV2	774309	1223916	11.89%	0.488%
63	8.979	600	603	607	rVB3	1409468	3761102	36.55%	1.501%
64	9.070	609	611	612	rVB2	1389446	1684435	16.37%	0.672%
65	9.105	612	614	615	rBV	650972	564902	5.49%	0.225%
66	9.185	619	621	623	rBV3	2770723	4195992	40.78%	1.675%
67	9.230	623	625	626	rBV	1351696	1082422	10.52%	0.432%
68	9.310	630	632	635	rBV2	2206221	4609635	44.80%	1.840%
69	9.505	646	649	651	rVB	1801964	3078431	29.92%	1.229%
70	9.573	651	655	659	rBV4	1832719	6808343	66.16%	2.717%
71	9.642	659	661	664	rVB3	2396380	4178155	40.60%	1.667%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
 Data File : BF093040.D
 Acq On : 20 Feb 2017 20:42
 Operator : SJ/MA
 Sample : I1910-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HARMONBLDG30-RW-1

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-BF013017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.779	672	673	675	rBV2	1158177	1516588	14.74%	0.605%
73	9.825	675	677	679	rVB3	1542898	1643241	15.97%	0.656%
74	9.893	681	683	686	rVV4	1208870	2624922	25.51%	1.048%
75	9.950	686	688	689	rVV2	879004	1121520	10.90%	0.448%
76	10.019	693	694	696	rVB	1622916	1839611	17.88%	0.734%
77	10.065	696	698	700	rBV3	779874	1409716	13.70%	0.563%
78	10.122	700	703	705	rVB2	1731714	3066443	29.80%	1.224%
79	10.168	705	707	711	rVB4	2348901	4319725	41.98%	1.724%
80	10.236	711	713	714	rBV	1912253	2471980	24.02%	0.987%
81	10.328	719	721	723	rBV2	1225410	2360584	22.94%	0.942%
82	10.453	730	732	733	rBV2	1326142	1995355	19.39%	0.796%
83	10.568	739	742	744	rVB2	2709802	4239379	41.20%	1.692%
84	10.842	763	766	768	rVB2	3217532	5682373	55.22%	2.268%
85	11.036	781	783	785	rVB3	1261745	1363628	13.25%	0.544%
86	11.151	791	793	796	rVB4	977729	1671555	16.24%	0.667%
87	11.288	803	805	808	rVB	2868232	5041272	48.99%	2.012%
88	11.631	833	835	841	rVB5	1701434	2883215	28.02%	1.151%
89	11.722	841	843	846	rVB4	896770	1636269	15.90%	0.653%
90	11.894	856	858	859	rBV	810609	782392	7.60%	0.312%
91	11.996	865	867	874	rVB4	1492198	4032583	39.19%	1.609%
92	12.122	876	878	879	rVB2	578588	569164	5.53%	0.227%
93	12.362	897	899	903	rVB	1388598	2141863	20.81%	0.855%
94	12.442	903	906	907	rBV	1269881	1734488	16.86%	0.692%
95	12.751	931	933	934	rVB	419431	315320	3.06%	0.126%
96	12.842	940	941	943	rVB	566067	480161	4.67%	0.192%
97	12.876	943	944	946	rVV	633742	752395	7.31%	0.300%
98	12.968	949	952	956	rVB	2151006	3302990	32.10%	1.318%
99	14.008	1041	1043	1045	rVB	768412	664046	6.45%	0.265%
100	15.437	1165	1168	1172	rVB	557720	774336	7.52%	0.309%

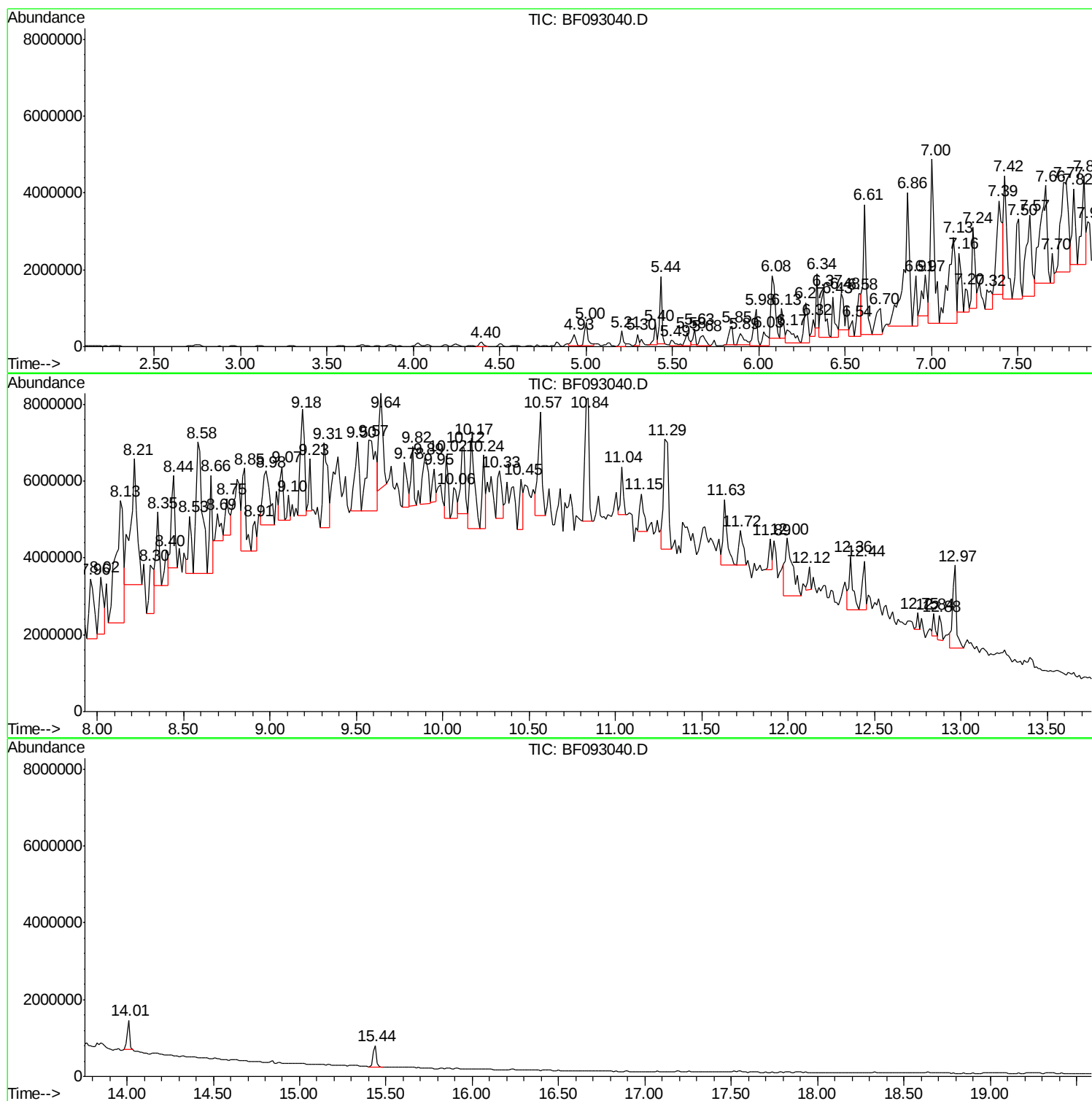
Sum of corrected areas: 250577598

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.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\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

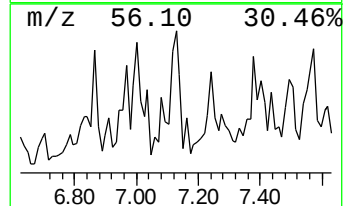
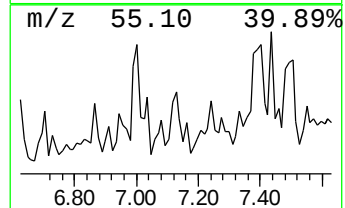
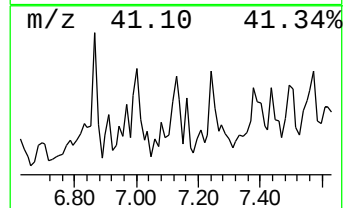
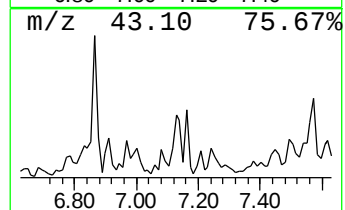
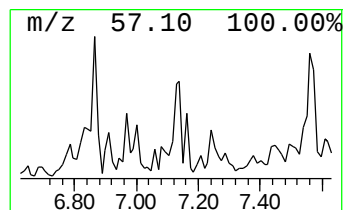
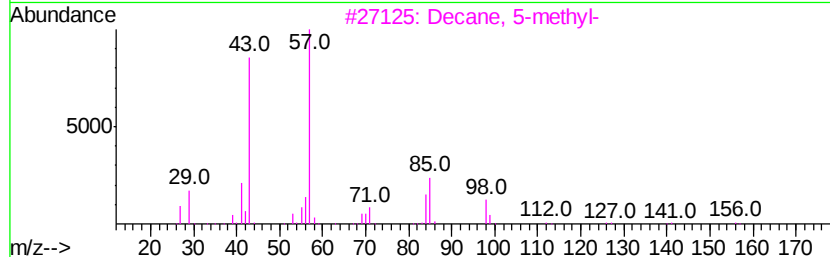
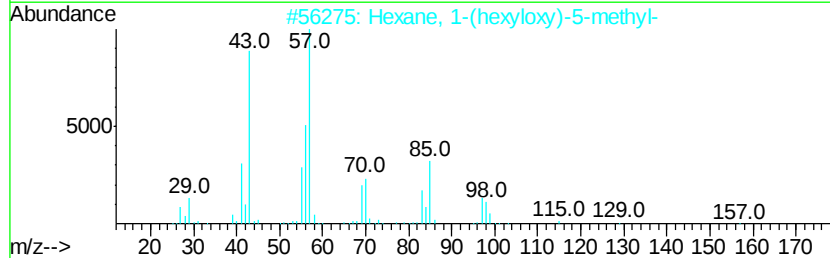
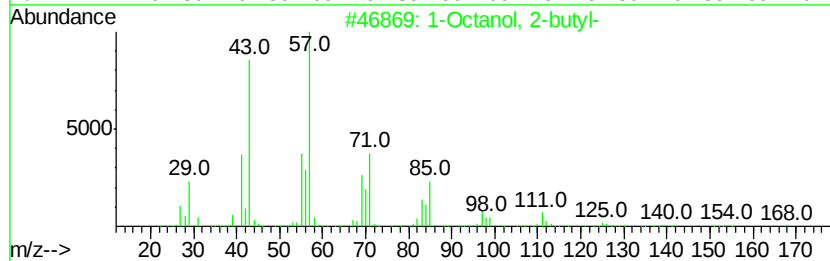
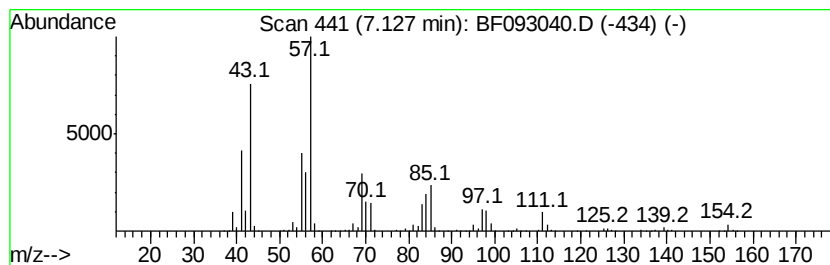
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 1-Octanol, 2-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	17.57 ng	6791100	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
2		Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	58
3		Decane, 5-methyl-	156	C11H24	013151-35-4	50
4		Heptane, 4-ethyl-	128	C9H20	002216-32-2	43
5		Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

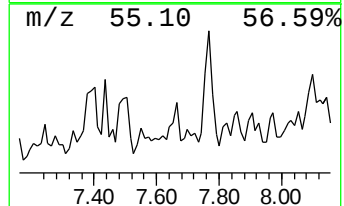
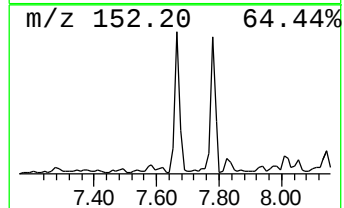
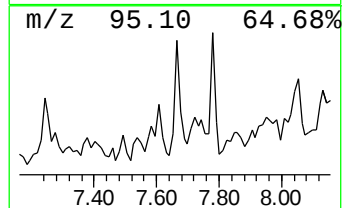
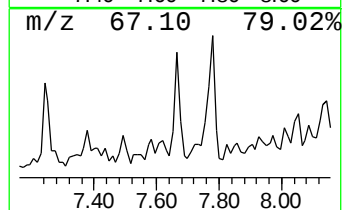
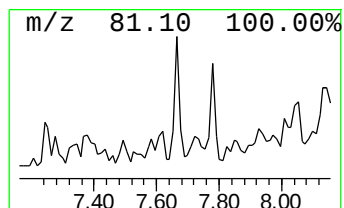
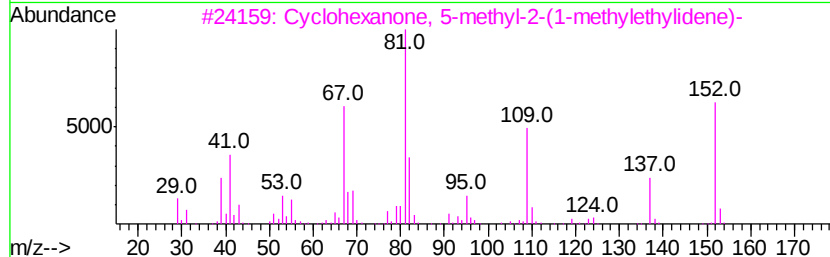
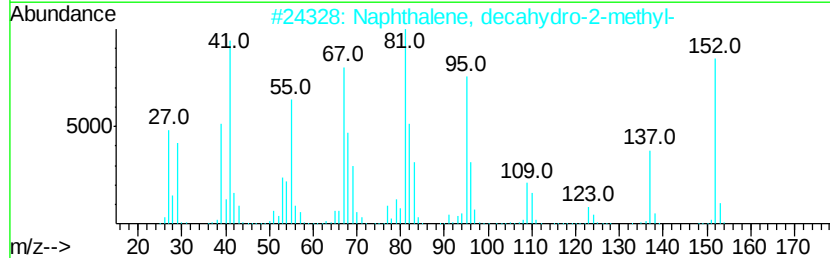
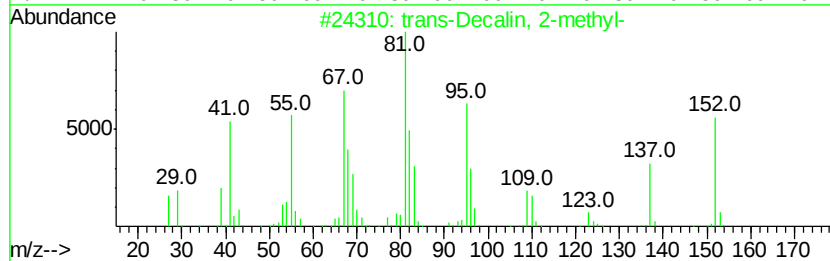
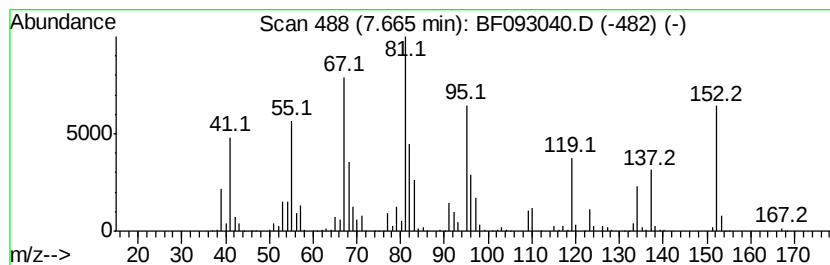
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 trans-Decalin, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	13.37 ng	6879670	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
3		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	76
4		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	72
5		Pulegone	152	C10H16O	000089-82-7	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

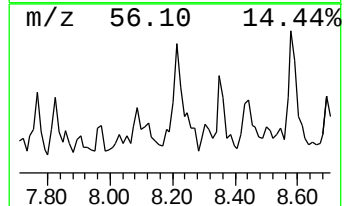
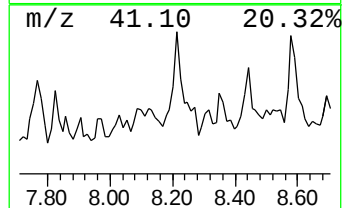
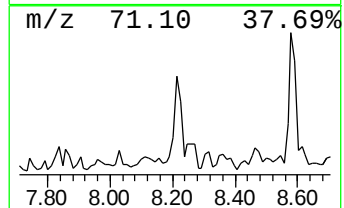
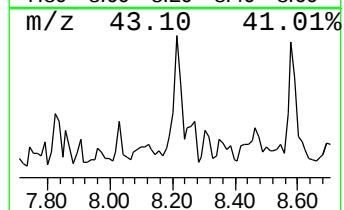
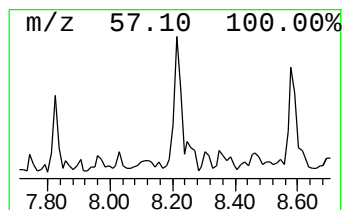
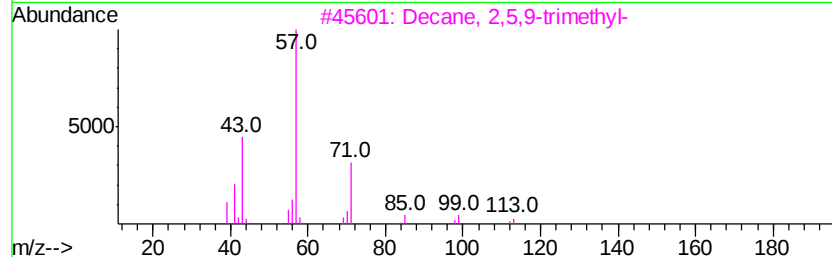
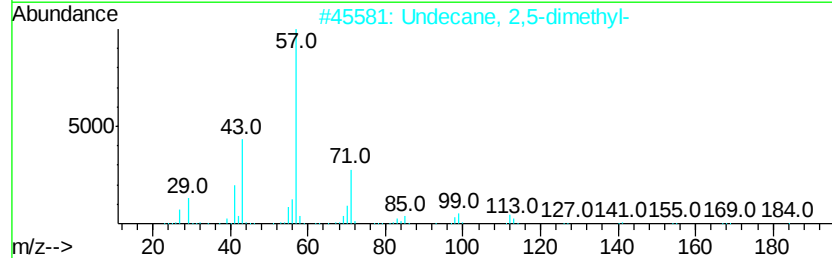
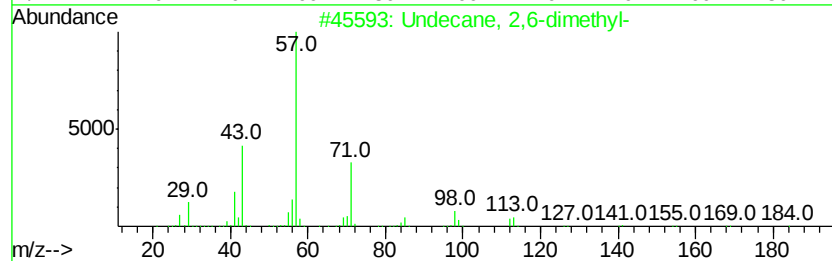
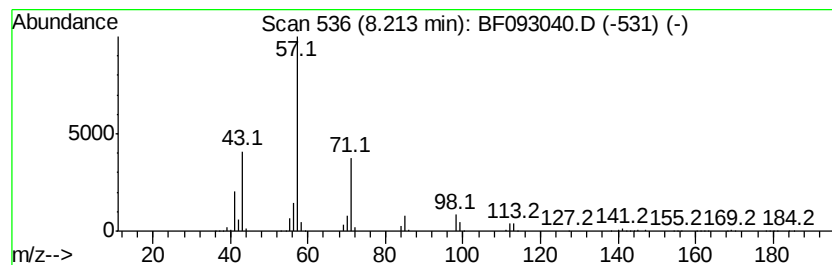
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	17.17 ng	8833770	Napthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	87
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
5		Dodecane, 6-methyl-	184	C13H28	006044-71-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

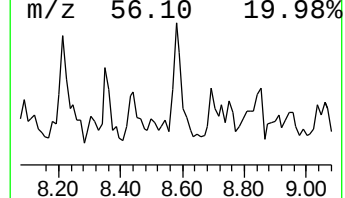
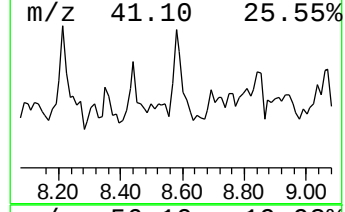
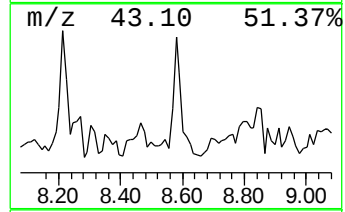
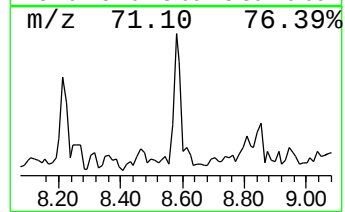
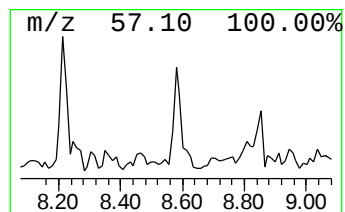
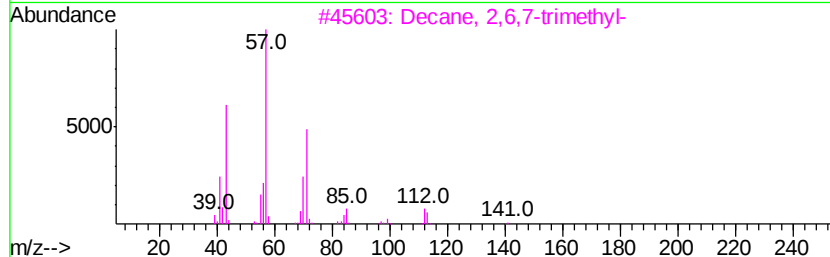
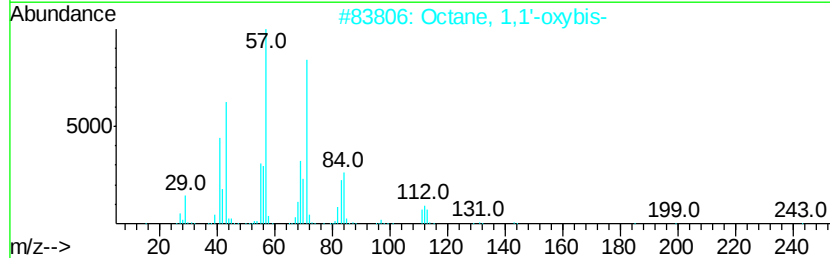
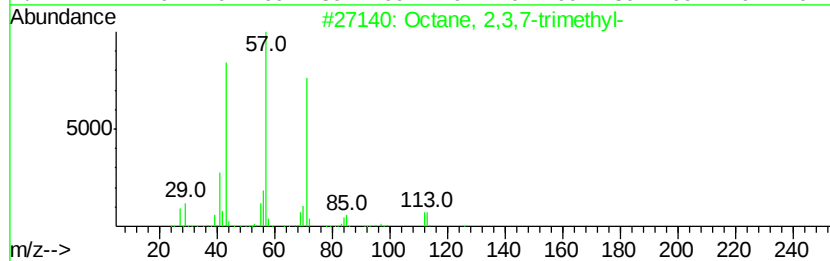
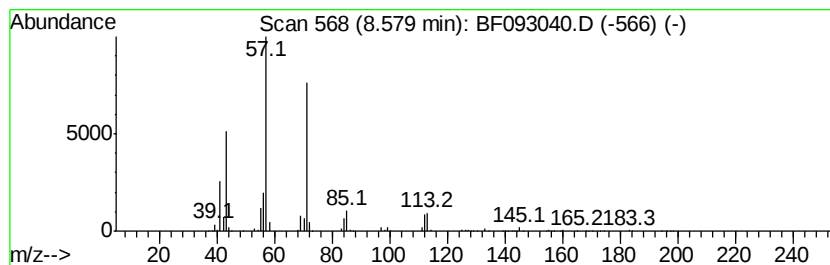
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 2,3,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	16.00 ng	8230560	Naphthalene-d8	8.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
2		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	78
3		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
5		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

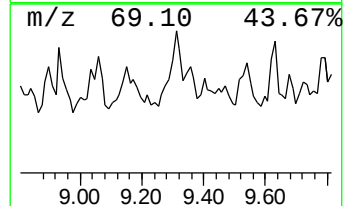
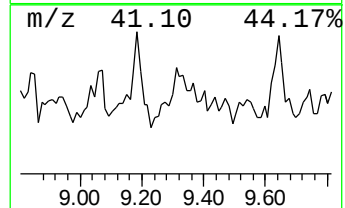
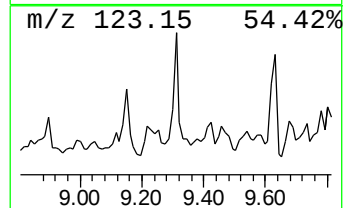
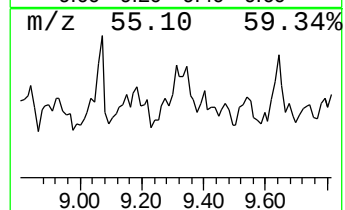
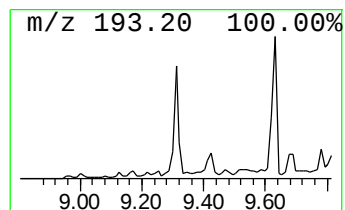
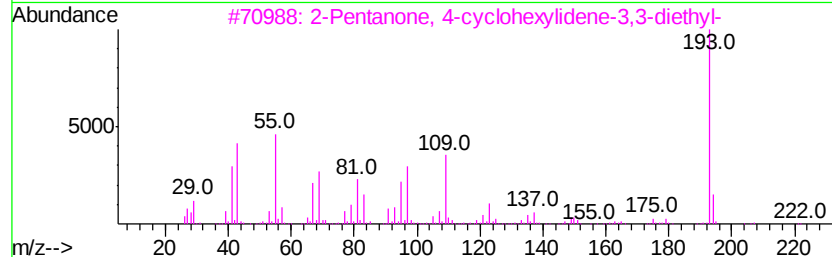
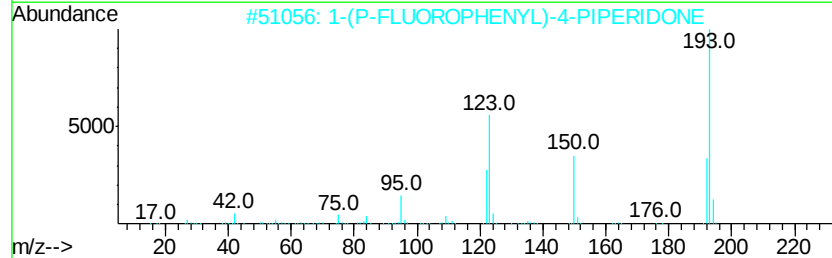
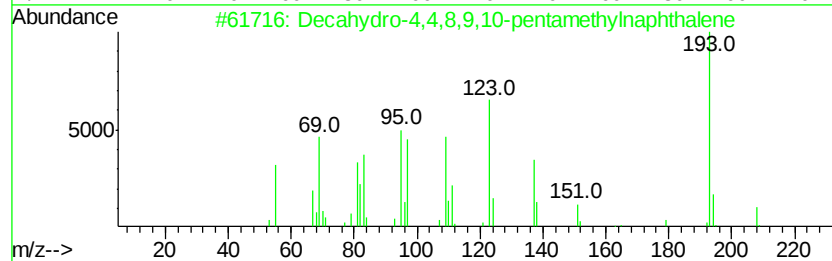
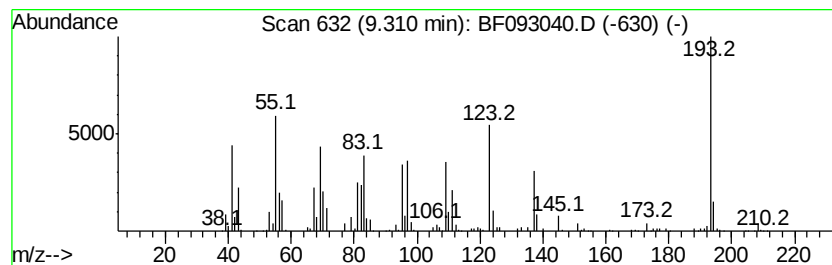
Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decahydro-4,4,8,9,10-pentam... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.31	35.12 ng	4609640	Acenaphthene-d10	9.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	53
2		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	46
3		2-Pentanone, 4-cvclohexylidene-3...	222	C15H26O	313253-65-5	37
4		2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	054699-31-9	35
5		2-Anthracenamine	193	C14H11N	000613-13-8	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

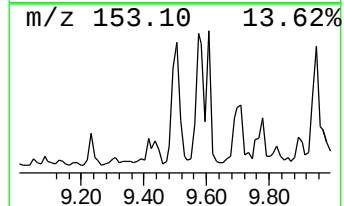
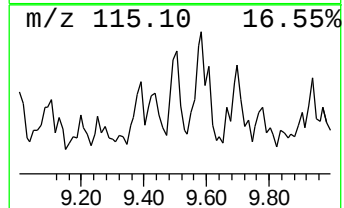
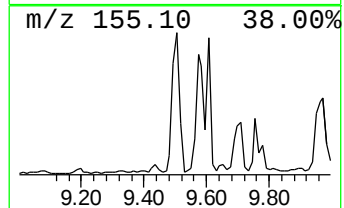
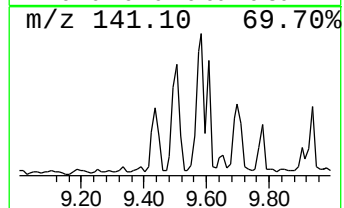
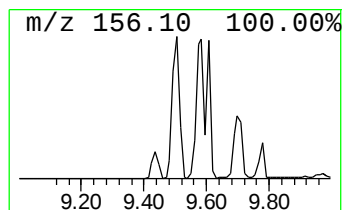
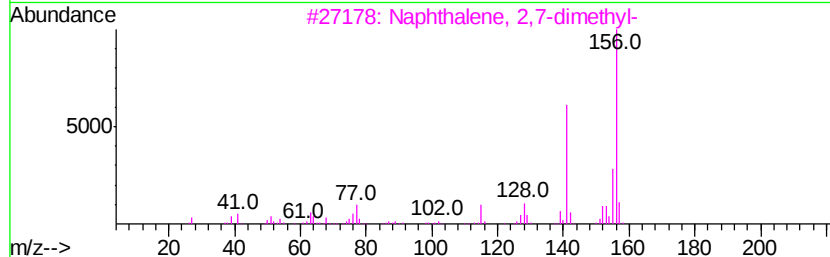
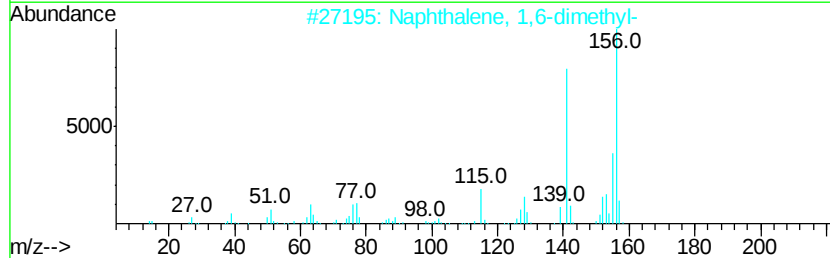
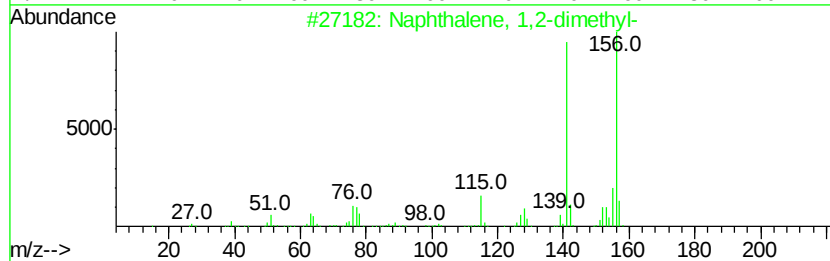
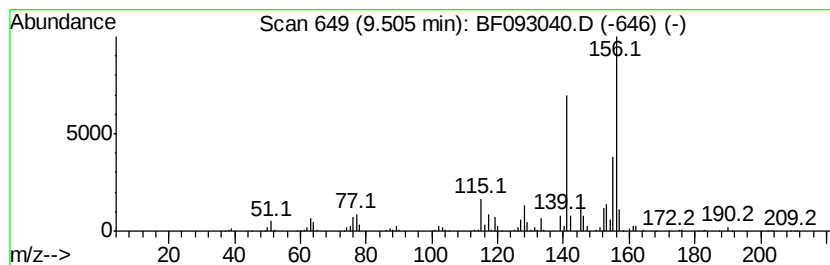
Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	23.46 ng	3078430	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

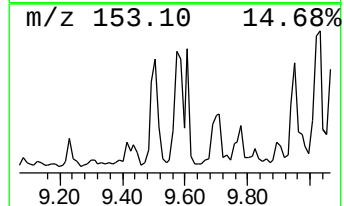
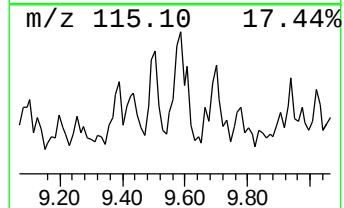
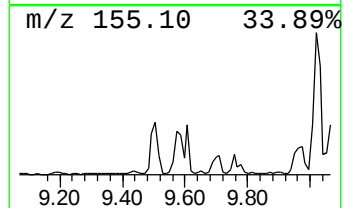
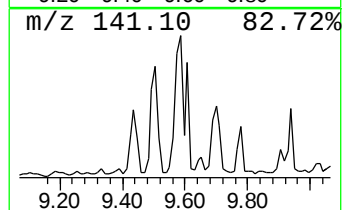
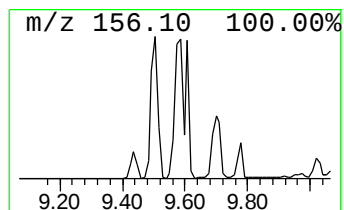
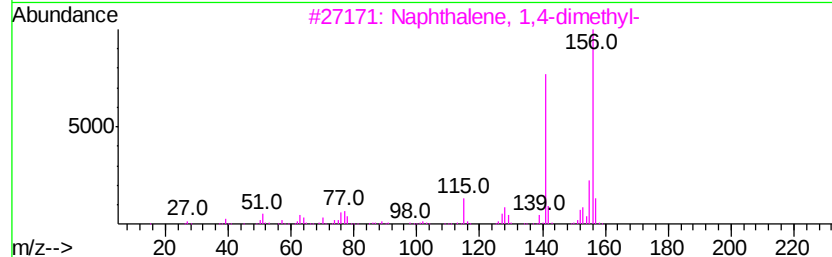
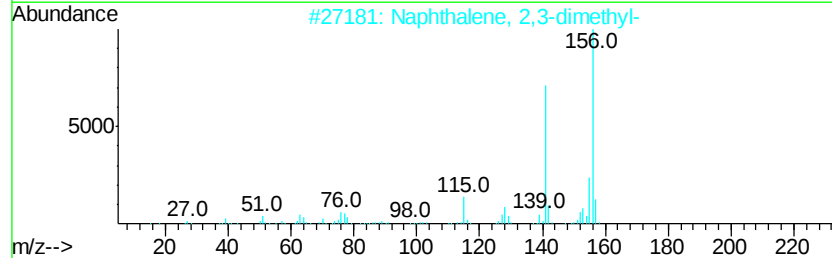
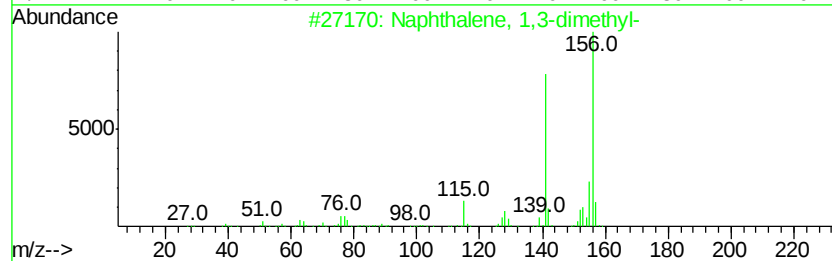
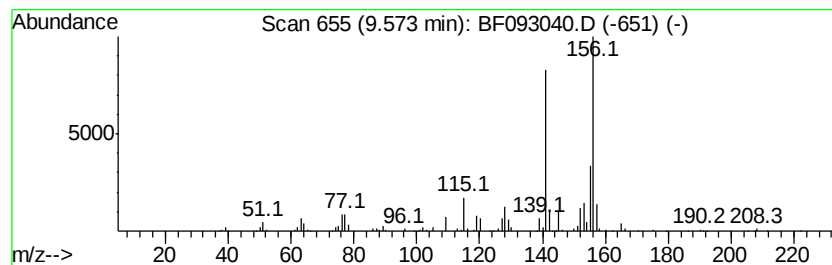
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	51.87 ng	6808340	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

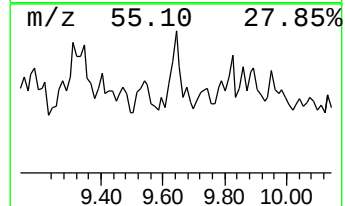
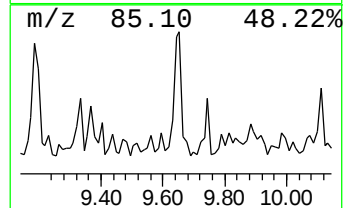
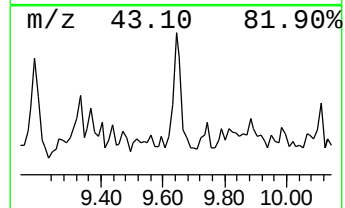
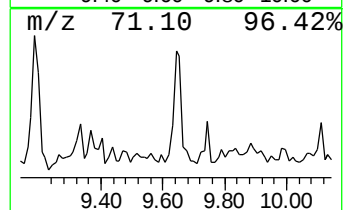
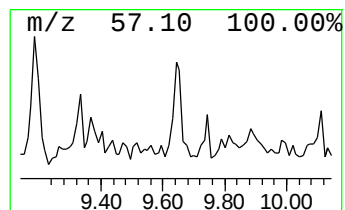
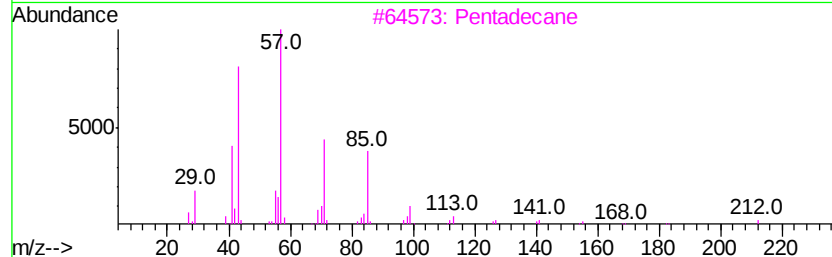
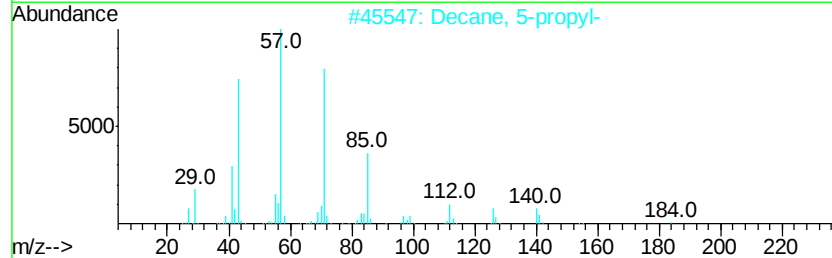
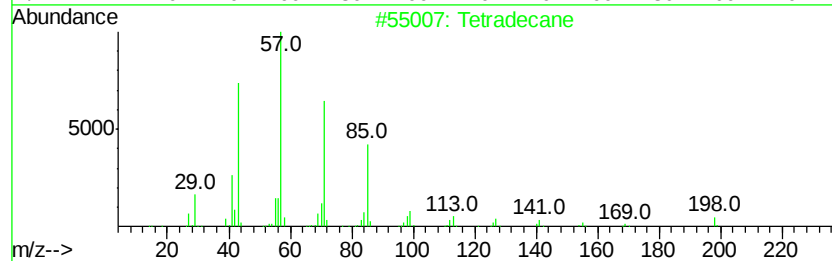
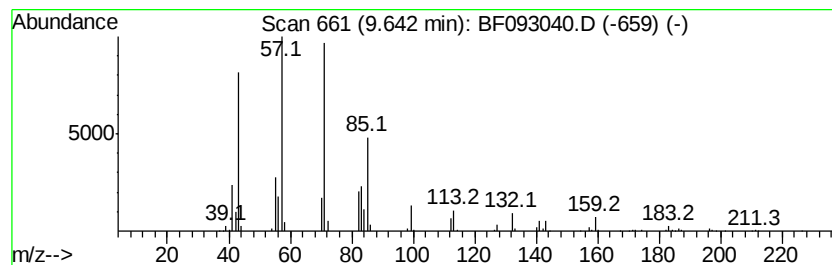
Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.64	31.83 ng	4178160	Acenaphthene-d10		9.92
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Decane, 5-propyl-	184	C13H28	017312-62-8	62
3	Pentadecane	212	C15H32	000629-62-9	55
4	Tridecane	184	C13H28	000629-50-5	55
5	Tritetracontane	605	C43H88	007098-21-7	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

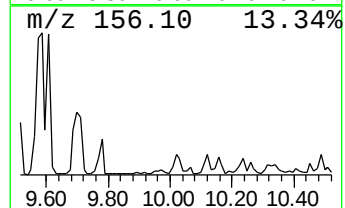
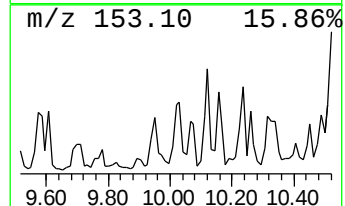
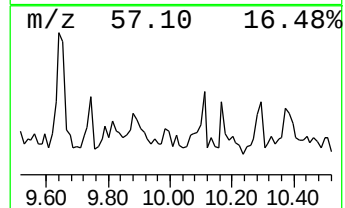
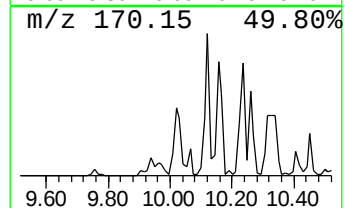
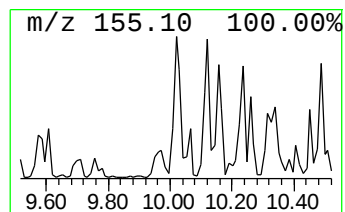
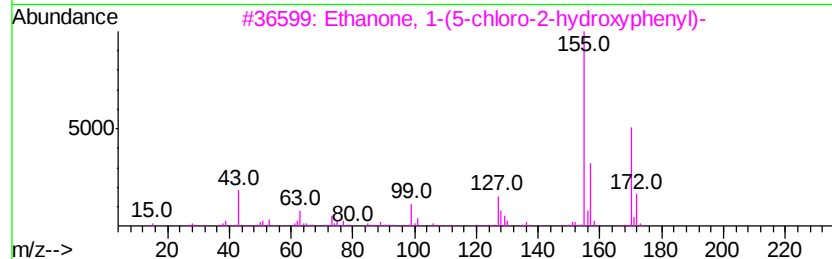
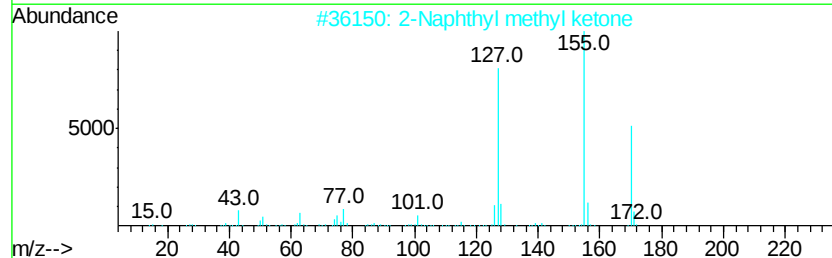
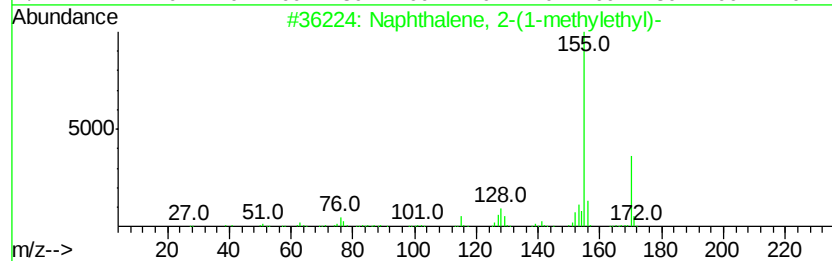
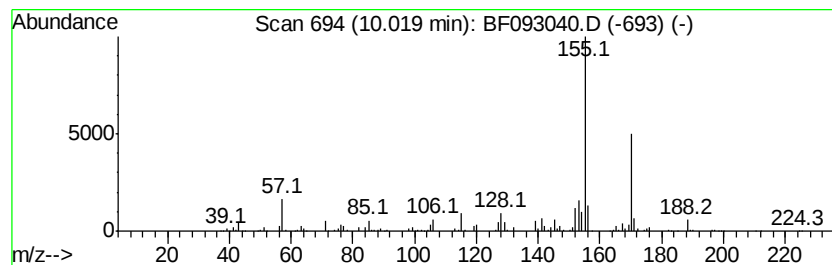
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	14.02 ng	1839610	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
3		Ethanone, 1-(5-chloro-2-hydroxyphenyl)-	170	C8H7ClO2	001450-74-4	72
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
5		1'-Acetonaphthone	170	C12H10O	000941-98-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

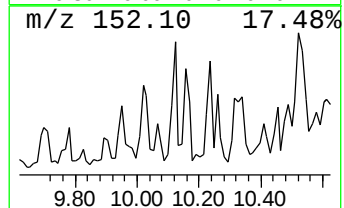
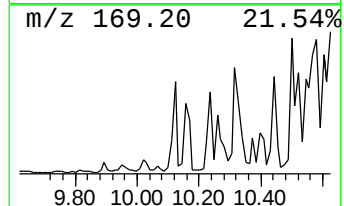
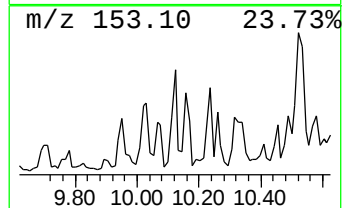
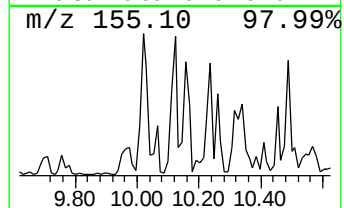
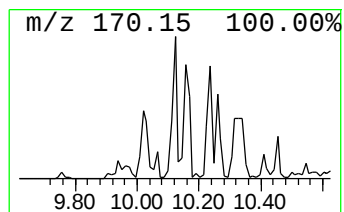
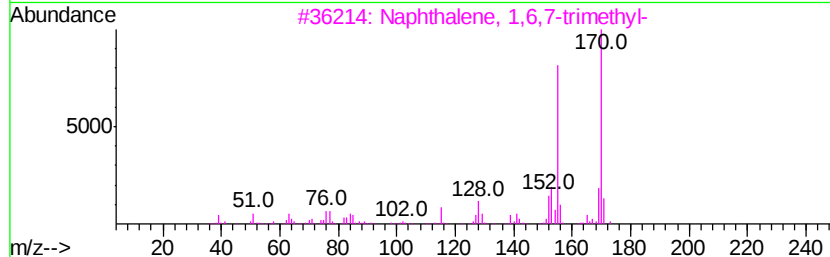
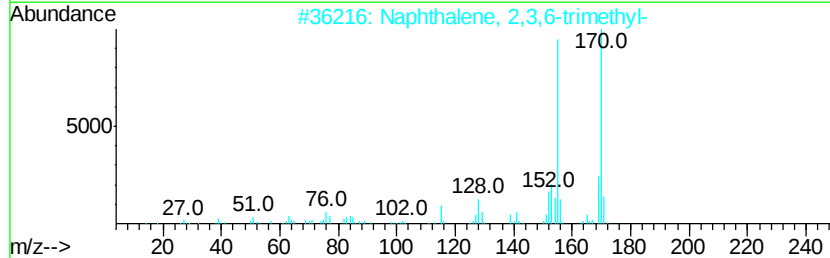
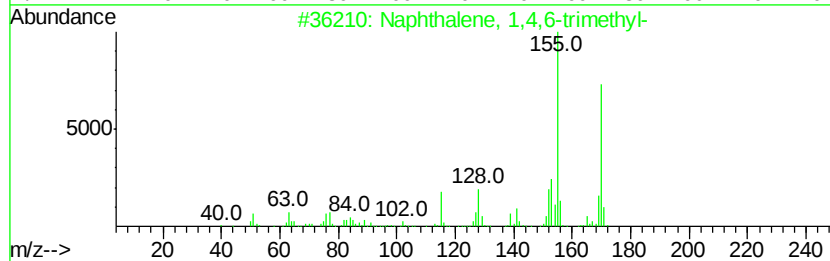
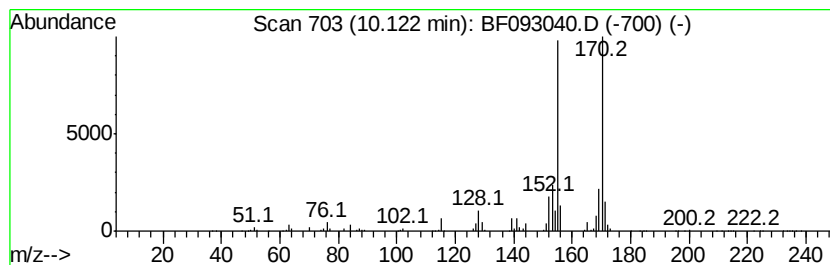
Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	23.36 ng	3066440	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 97
2		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 97
3		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 94
4		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 93
5		Azulene, 4,6,8-trimethyl-	170 C13H14	000941-81-1 91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

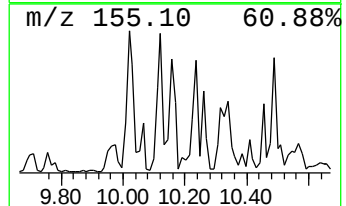
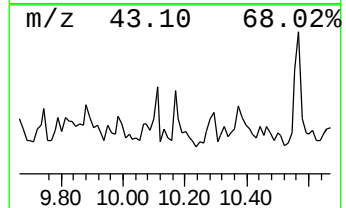
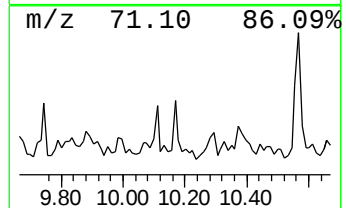
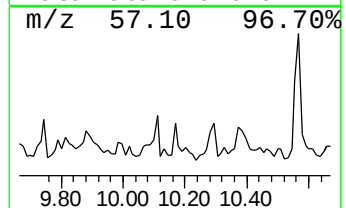
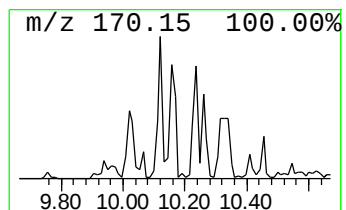
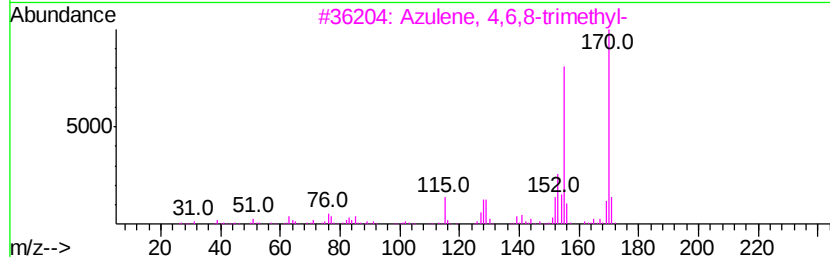
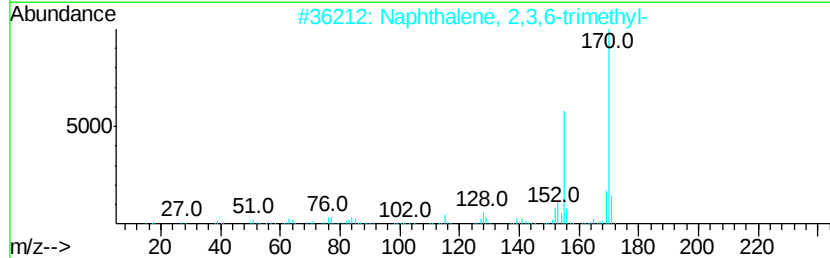
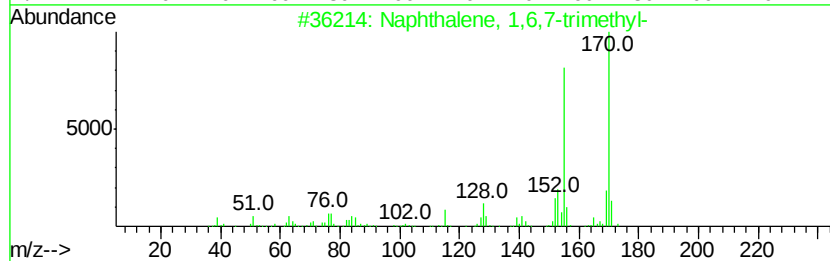
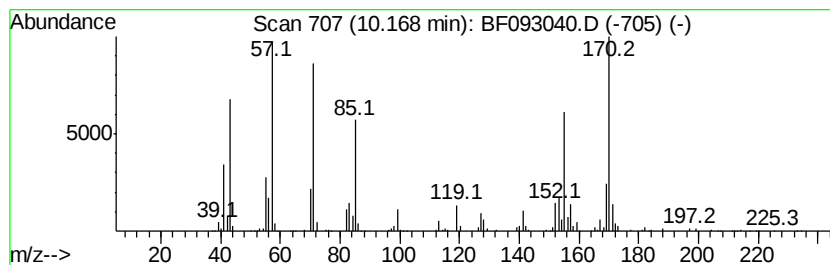
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	32.91 ng	4319730	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	60
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
3		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	46
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	45
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

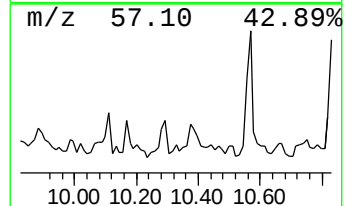
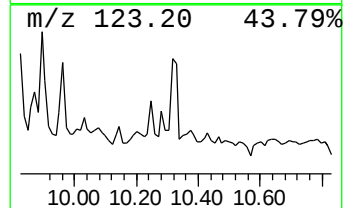
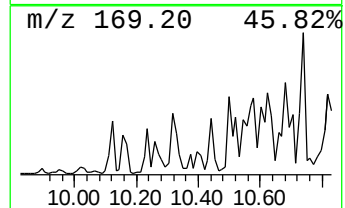
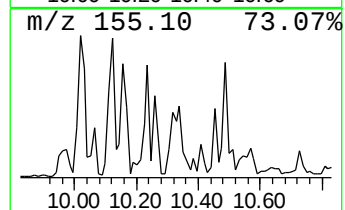
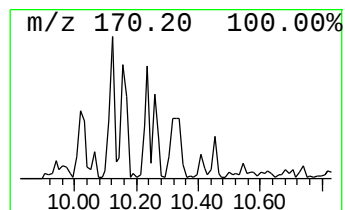
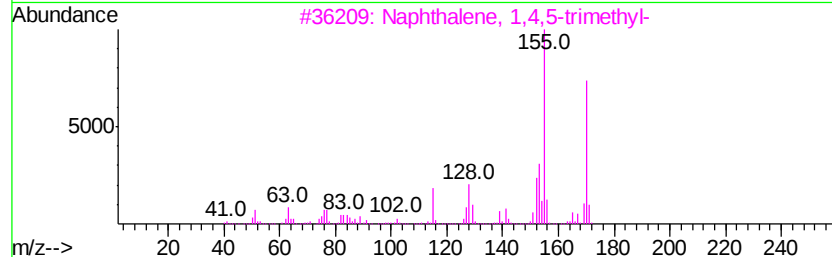
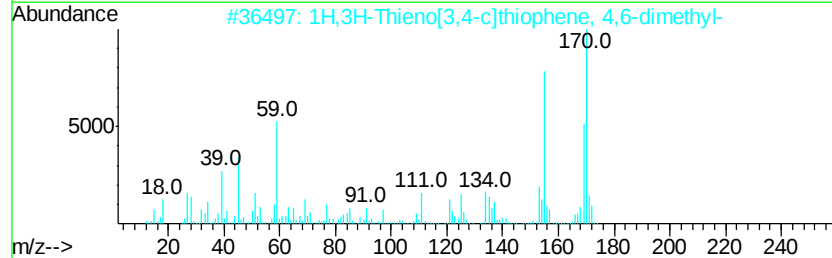
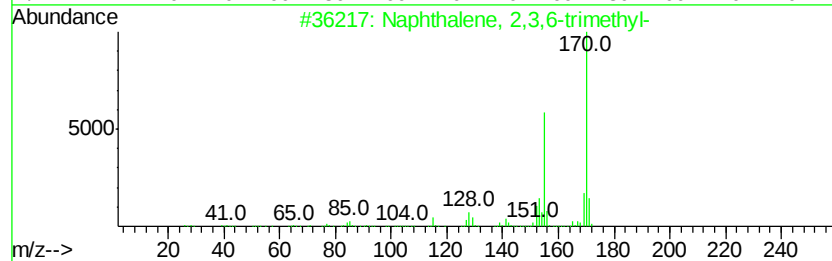
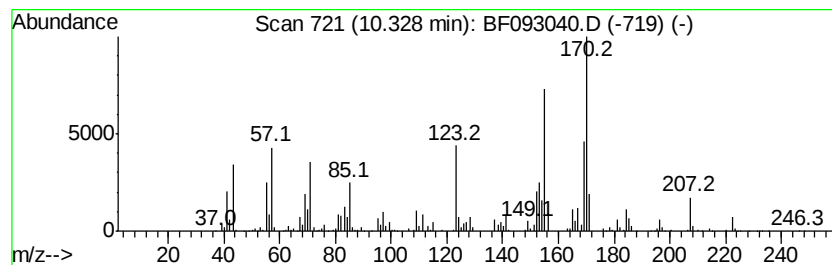
Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	17.99 ng	2360580	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 60
2		1H,3H-Thieno[3,4-c]thiophene, 4,...	170 C8H10S2	015441-54-0 58
3		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 55
4		Azulene, 4,6,8-trimethyl-	170 C13H14	000941-81-1 53
5		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

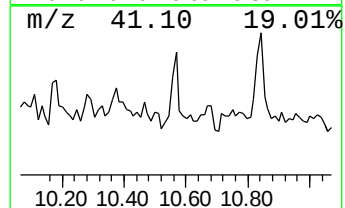
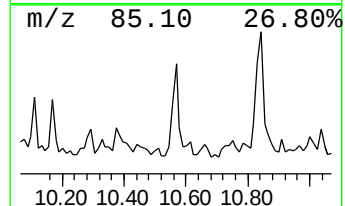
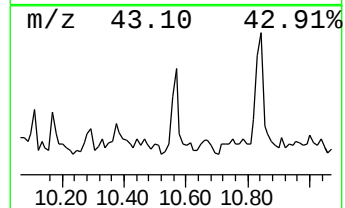
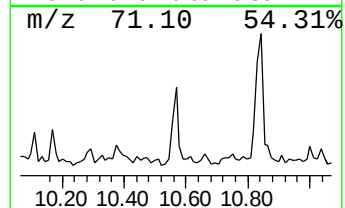
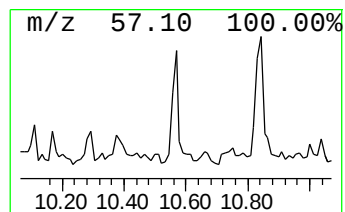
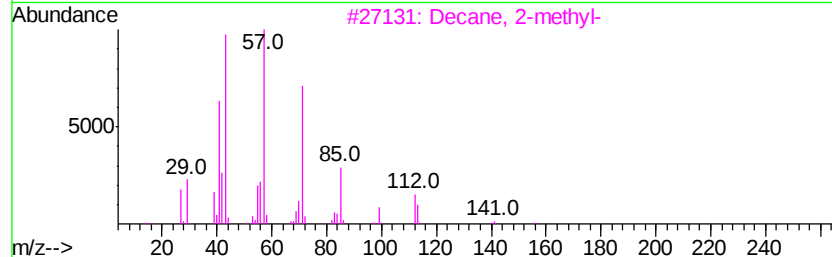
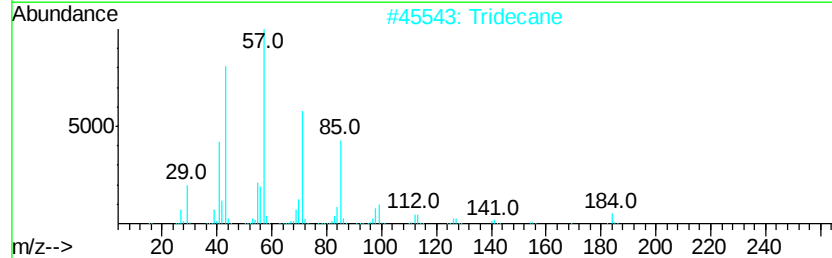
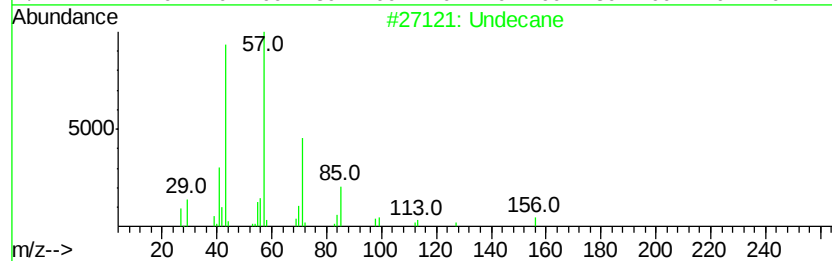
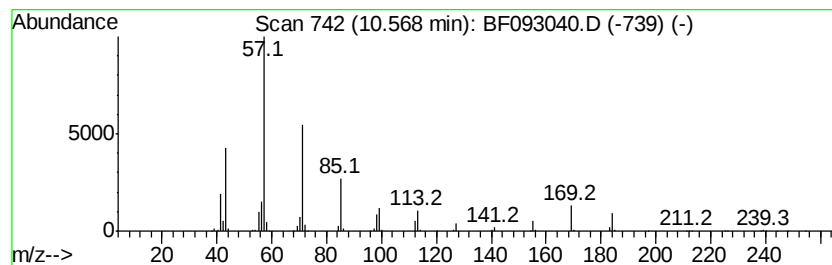
Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	32.30 ng	4239380	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	68
2	Tridecane	184 C13H28	000629-50-5	58
3	Decane, 2-methyl-	156 C11H24	006975-98-0	52
4	Tridecane, 3-methyl-	198 C14H30	006418-41-3	47
5	Pentane, 2,2,3,3-tetramethyl-	128 C9H20	007154-79-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

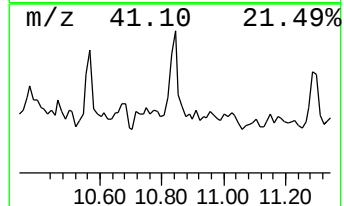
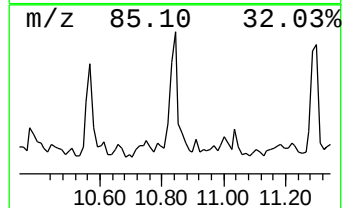
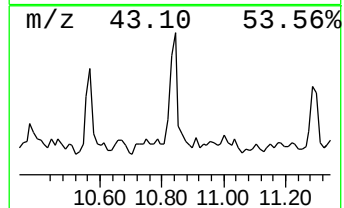
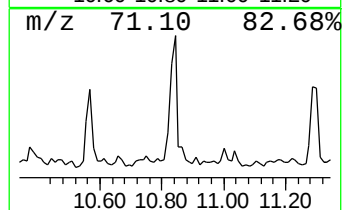
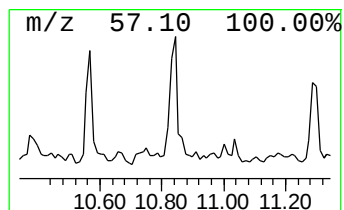
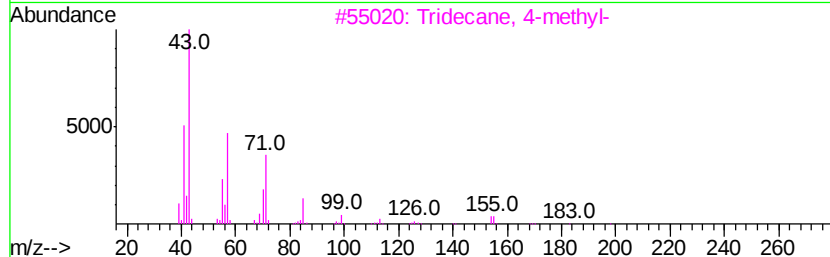
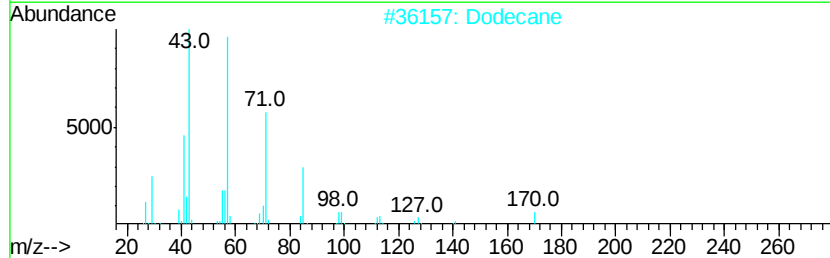
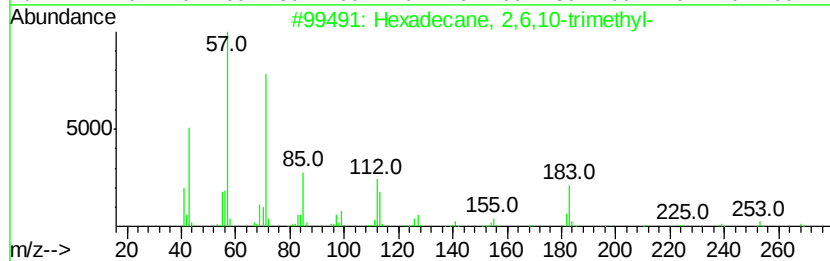
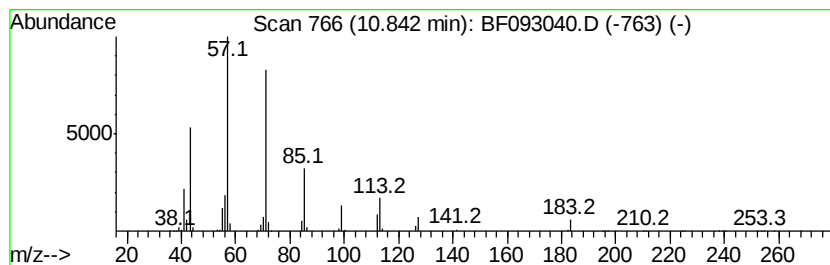
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	22.54 ng	5682370	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	83
2		Dodecane	170	C12H26	000112-40-3	78
3		Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
4		Decane, 5-propyl-	184	C13H28	017312-62-8	72
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

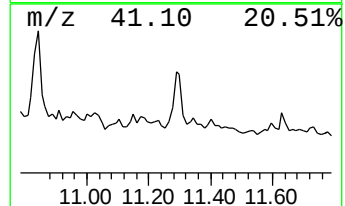
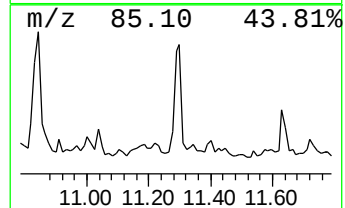
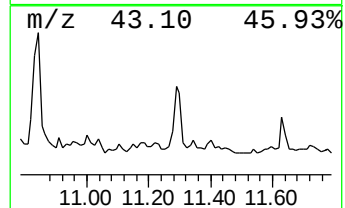
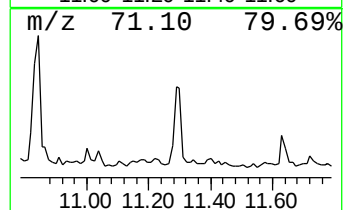
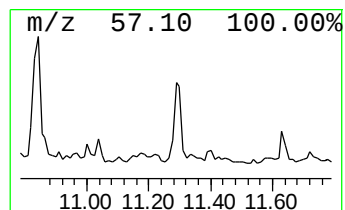
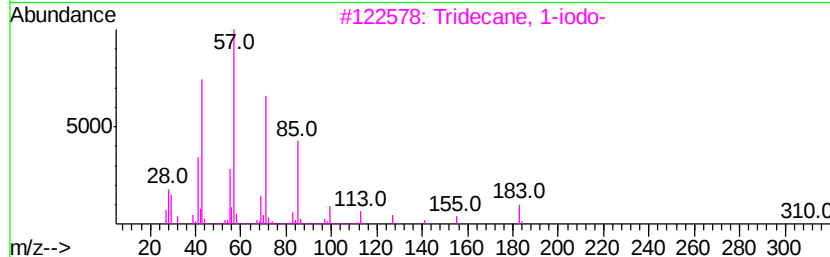
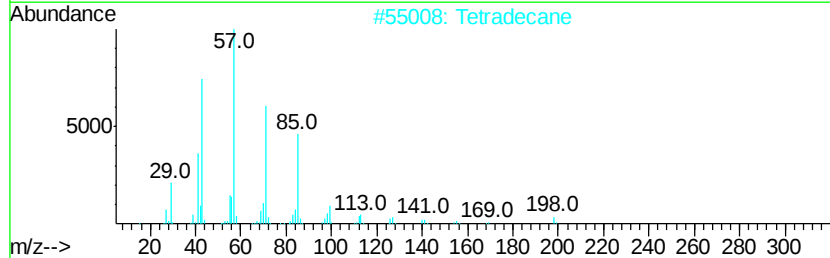
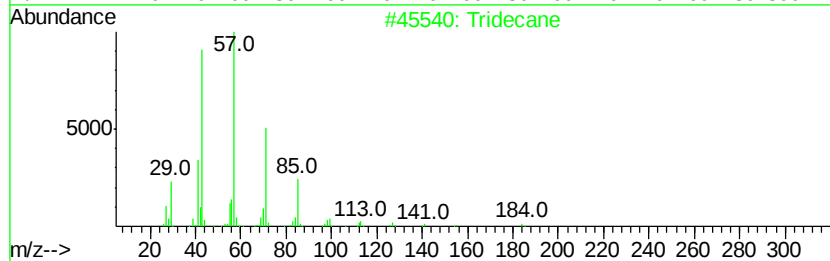
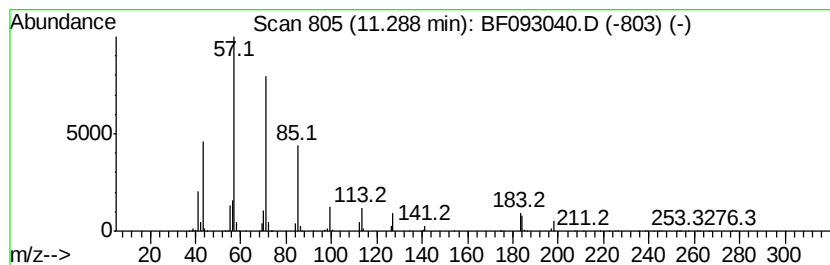
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	20.00 ng	5041270	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Tetradecane	198	C14H30	000629-59-4	80
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

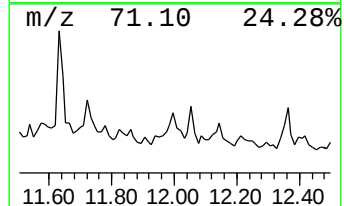
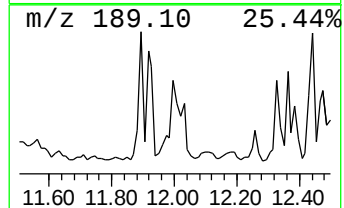
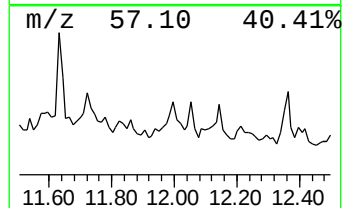
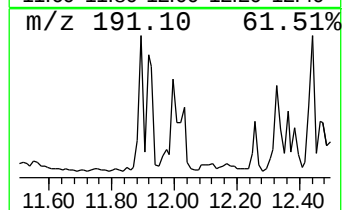
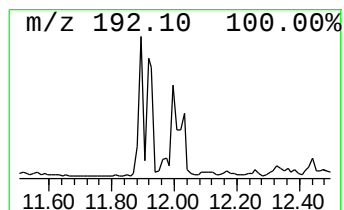
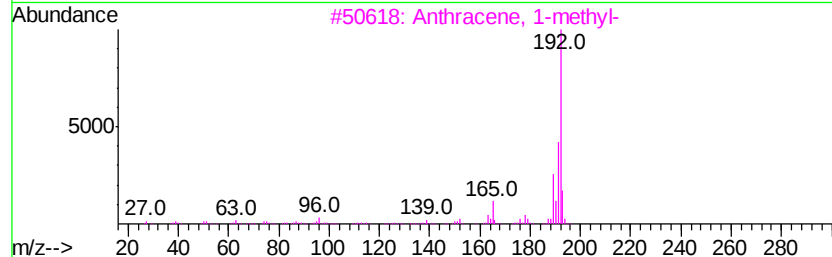
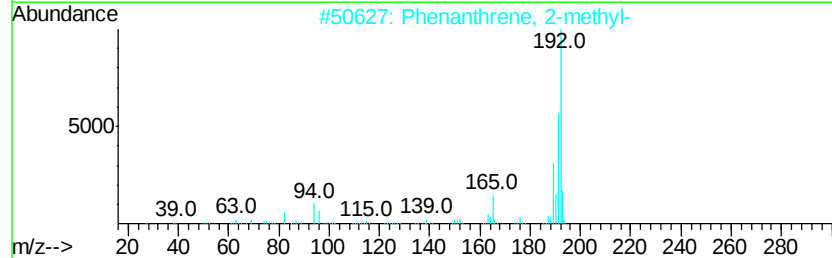
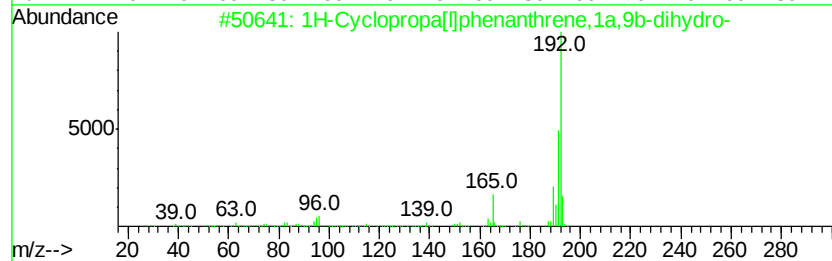
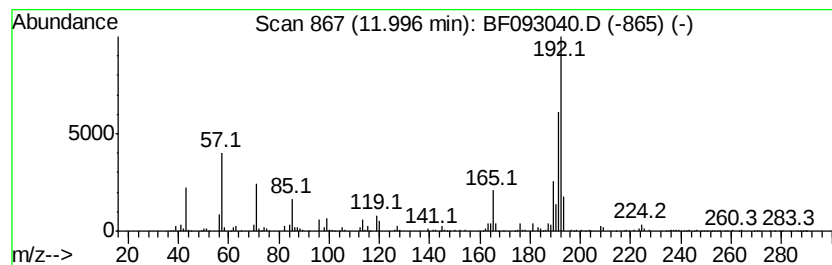
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	16.00 ng	4032580	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
Data File : BF093040.D
Acq On : 20 Feb 2017 20:42
Operator : SJ/MA
Sample : I1910-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

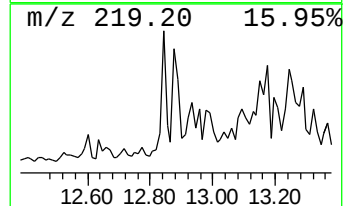
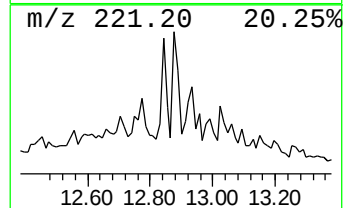
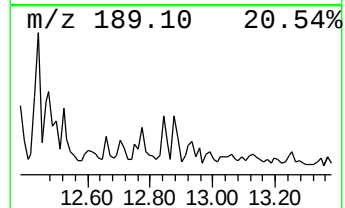
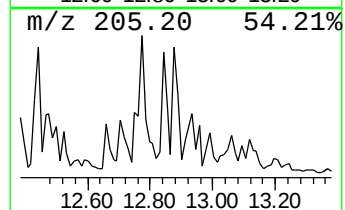
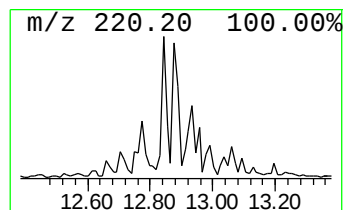
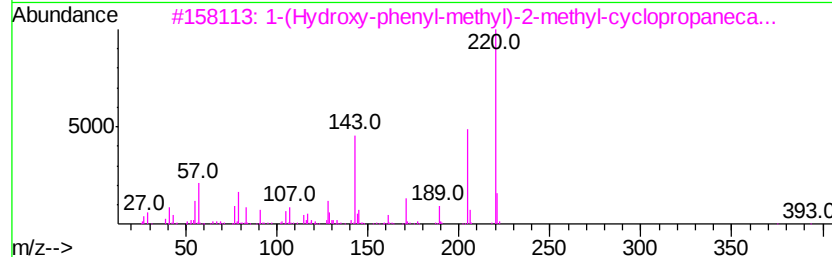
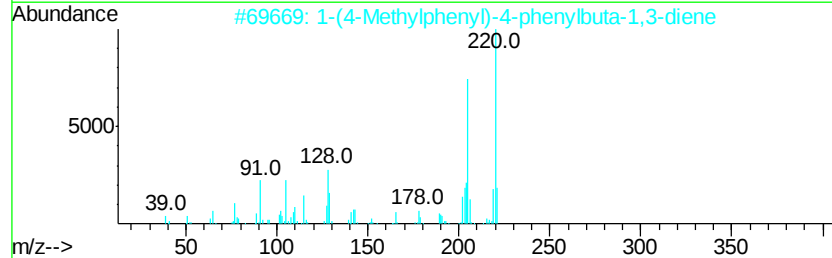
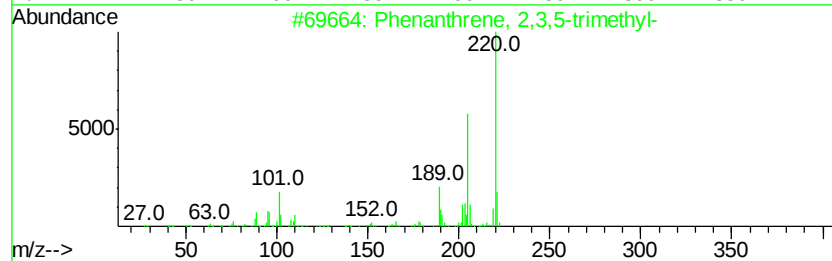
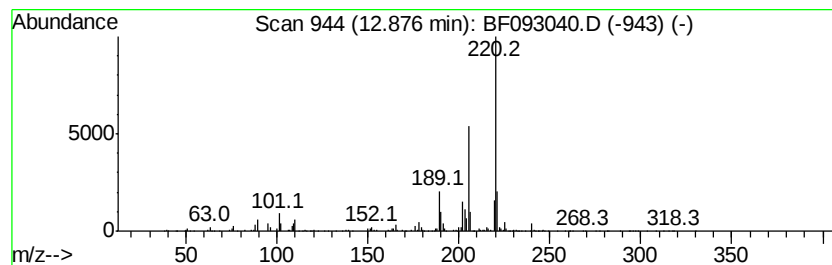
Instrument :
BNA_F
ClientSampleId :
HARMONBLDG30-RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.88	22.66 ng	752395	Chrysene-d12	14.01		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	94
2		1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	87
3		1-(Hvdroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	59
4		Benzo[b]ldihdropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	53
5		1H-Pyrazole, 3,5-diphenyl-	220	C15H12N2	001145-01-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\
 Data File : BF093040.D
 Acq On : 20 Feb 2017 20:42
 Operator : SJ/MA
 Sample : I1910-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HARMONBLDG30-RW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
1-Octanol, 2-butyl-	7.13	17.6	ng	6791100	1	6.85	7732490	20.0
trans-Decalin, 2-...	7.66	13.4	ng	6879670	2	8.14	10290200	20.0
Undecane, 2,6-dim...	8.21	17.2	ng	8833770	2	8.14	10290200	20.0
Octane, 2,3,7-tri...	8.58	16.0	ng	8230560	2	8.14	10290200	20.0
Decahydro-4,4,8,9...	9.31	35.1	ng	4609640	3	9.92	2624920	20.0
Naphthalene, 1,2-...	9.50	23.5	ng	3078430	3	9.92	2624920	20.0
Naphthalene, 1,3-...	9.57	51.9	ng	6808340	3	9.92	2624920	20.0
Tetradecane	9.64	31.8	ng	4178160	3	9.92	2624920	20.0
Naphthalene, 2-(1...	10.02	14.0	ng	1839610	3	9.92	2624920	20.0
Naphthalene, 1,4,...	10.12	23.4	ng	3066440	3	9.92	2624920	20.0
Naphthalene, 1,6,...	10.17	32.9	ng	4319730	3	9.92	2624920	20.0
Naphthalene, 2,3,...	10.33	18.0	ng	2360580	3	9.92	2624920	20.0
Undecane	10.57	32.3	ng	4239380	3	9.92	2624920	20.0
Hexadecane, 2,6,1...	10.84	22.5	ng	5682370	4	11.39	5041270	20.0
Tridecane	11.29	20.0	ng	5041270	4	11.39	5041270	20.0
1H-Cyclopropa[1]p...	12.00	16.0	ng	4032580	4	11.39	5041270	20.0
Phenanthrene, 2,3...	12.88	22.7	ng	752395	5	14.01	664046	20.0