

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083816.D
 Acq On : 15 Dec 2015 13:49
 Operator : UM/IZ
 Sample : G4739-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K205-5-10

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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	3.481	120	122	126	rVV	540094	1055059	13.39%	0.414%
2	5.504	295	299	302	rVV	1763064	2200092	27.92%	0.863%
3	5.733	316	319	327	rBV	2915465	5608374	71.18%	2.201%
4	6.533	387	389	391	rVB	1930669	2013870	25.56%	0.790%
5	6.624	391	397	399	rBV2	965574	1490242	18.91%	0.585%
6	6.670	399	401	403	rVB	2304334	2180502	27.68%	0.856%
7	6.750	403	408	410	rBV	4491838	7374540	93.60%	2.894%
8	6.784	410	411	419	rVB	2848688	3728120	47.32%	1.463%
9	7.059	433	435	437	rBV	1963693	1839702	23.35%	0.722%
10	7.173	442	445	448	rBV	3270711	3952708	50.17%	1.551%
11	7.413	464	466	468	rBV2	1071457	968959	12.30%	0.380%
12	7.459	468	470	474	rVB3	1392489	2879429	36.55%	1.130%
13	7.527	474	476	478	rBV	2052698	3022779	38.37%	1.186%
14	7.573	478	480	484	rVB	2194306	2125953	26.98%	0.834%
15	7.676	487	489	490	rBV	695636	835616	10.61%	0.328%
16	7.779	494	498	500	rBV2	3030025	6757066	85.76%	2.652%
17	7.950	509	513	514	rBV	3761549	5062516	64.25%	1.987%
18	7.996	514	517	521	rVB	3309006	5919442	75.13%	2.323%
19	8.065	521	523	525	rVB3	985053	1089299	13.83%	0.427%
20	8.190	532	534	535	rVV	721076	956146	12.14%	0.375%
21	8.213	535	536	537	rVB	1322641	907332	11.52%	0.356%
22	8.419	551	554	557	rBV	3438409	4772949	60.58%	1.873%
23	8.476	557	559	561	rBV2	4153392	4533205	57.54%	1.779%
24	8.647	570	574	577	rBV	1013648	2156960	27.38%	0.847%
25	8.705	577	579	581	rVB2	780603	1151040	14.61%	0.452%
26	8.842	588	591	594	rVB4	431082	1067342	13.55%	0.419%
27	8.899	594	596	599	rVB2	2364572	3051577	38.73%	1.198%
28	8.967	599	602	603	rBV	1628167	1520515	19.30%	0.597%
29	9.002	603	605	607	rVB2	2246238	2253598	28.60%	0.884%
30	9.082	609	612	616	rBV2	991821	2059845	26.14%	0.808%
31	9.185	619	621	623	rVB	1121006	1418768	18.01%	0.557%
32	9.265	623	628	631	rBV3	2494800	3725336	47.28%	1.462%
33	9.390	638	639	641	rBV2	808138	983460	12.48%	0.386%
34	9.482	643	647	648	rVB2	1089058	1766081	22.42%	0.693%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.539	648	652	656	rBV4	2588976	5988908	76.01%	2.350%
36	9.608	656	658	662	rVV	2858623	6026696	76.49%	2.365%
37	9.676	662	664	665	rVB	1229724	1596434	20.26%	0.627%
38	9.722	665	668	674	rBV3	1542204	3816392	48.44%	1.498%
39	9.813	674	676	678	rVB	3207665	3151563	40.00%	1.237%
40	9.928	684	686	689	rBV2	1118707	1895663	24.06%	0.744%
41	9.973	689	690	695	rVB3	816191	1469203	18.65%	0.577%
42	10.053	695	697	699	rBV	835001	1182219	15.01%	0.464%
43	10.156	702	706	707	rVB3	1283280	2320166	29.45%	0.911%
44	10.190	707	709	711	rVB	1889723	1725322	21.90%	0.677%
45	10.270	713	716	717	rBV2	1588352	3046127	38.66%	1.195%
46	10.293	717	718	720	rVB	1921988	1406384	17.85%	0.552%
47	10.373	721	725	729	rBV5	1186406	3346853	42.48%	1.313%
48	10.442	729	731	734	rBV3	834065	1939727	24.62%	0.761%
49	10.499	734	736	739	rVB2	2131443	2836234	36.00%	1.113%
50	10.556	739	741	742	rBV	582205	1027471	13.04%	0.403%
51	10.648	747	749	753	rVB3	775710	1103281	14.00%	0.433%
52	10.728	753	756	758	rVB2	1296150	2333675	29.62%	0.916%
53	10.853	765	767	770	rVB	1064678	1398354	17.75%	0.549%
54	11.036	780	783	785	rBV	1470995	2707833	34.37%	1.063%
55	11.071	785	786	788	rVB	1511113	1250612	15.87%	0.491%
56	11.128	789	791	792	rVB	1356702	1180618	14.98%	0.463%
57	11.196	792	797	798	rBV3	490485	1235200	15.68%	0.485%
58	11.333	806	809	810	rVB2	764444	1191932	15.13%	0.468%
59	11.368	810	812	815	rVB	1491464	1710941	21.72%	0.671%
60	11.471	815	821	823	rBV	4362032	7878811	100.00%	3.092%
61	11.516	823	825	826	rBV	2832808	2744068	34.83%	1.077%
62	11.562	826	829	831	rVB2	1411816	2069203	26.26%	0.812%
63	11.676	837	839	842	rBV	2300302	2914383	36.99%	1.144%
64	11.733	842	844	846	rVV2	1287391	1706894	21.66%	0.670%
65	11.768	846	847	848	rVV	1090327	857842	10.89%	0.337%
66	11.848	852	854	856	rBV	2185527	2661758	33.78%	1.045%
67	11.951	860	863	864	rBV	2938476	5196383	65.95%	2.039%
68	11.985	864	866	867	rVB	2775375	3395730	43.10%	1.333%
69	12.019	867	869	871	rBV2	1539395	2358454	29.93%	0.926%
70	12.065	871	873	879	rVB3	2734487	7282505	92.43%	2.858%
71	12.214	884	886	887	rBV	1282682	1545835	19.62%	0.607%

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72	12.431	903	905	909	rVB2	925358	2147850	27.26%	0.843%
73	12.511	909	912	914	rVV2	1652816	3926645	49.84%	1.541%
74	12.602	918	920	923	rVB2	1390433	2147027	27.25%	0.843%
75	12.682	924	927	928	rVB	2650014	2981470	37.84%	1.170%
76	12.911	943	947	948	rVV	3378199	5322193	67.55%	2.089%
77	12.945	948	950	952	rVB2	847825	1164232	14.78%	0.457%
78	13.025	956	957	962	rVB2	1718173	2424462	30.77%	0.951%
79	13.105	962	964	967	rBV2	1373762	2488179	31.58%	0.976%
80	13.219	970	974	975	rVB	1983057	3405104	43.22%	1.336%
81	13.277	975	979	981	rBV2	1036467	2036988	25.85%	0.799%
82	13.322	981	983	985	rVV	1664008	1631262	20.70%	0.640%
83	13.414	989	991	992	rBV	1429318	1439629	18.27%	0.565%
84	13.448	992	994	995	rVB	1072887	1316882	16.71%	0.517%
85	13.608	1006	1008	1013	rVB3	524575	1478384	18.76%	0.580%
86	13.722	1013	1018	1020	rVB3	727508	2025113	25.70%	0.795%
87	13.825	1024	1027	1029	rBV2	687793	1636784	20.77%	0.642%
88	14.077	1046	1049	1050	rBV	2504127	4362447	55.37%	1.712%
89	14.111	1050	1052	1055	rVV	2634329	4217313	53.53%	1.655%
90	14.225	1059	1062	1067	rVV3	727294	1818729	23.08%	0.714%
91	14.328	1067	1071	1075	rVB6	431340	1094825	13.90%	0.430%
92	14.465	1081	1083	1085	rVV	1664918	2687480	34.11%	1.055%
93	14.499	1085	1086	1088	rVV	1364938	1319485	16.75%	0.518%
94	14.545	1088	1090	1093	rVV3	712043	1923404	24.41%	0.755%
95	14.591	1093	1094	1097	rVV2	947229	1460883	18.54%	0.573%
96	14.945	1121	1125	1129	rBV3	315880	895513	11.37%	0.351%
97	15.117	1136	1140	1146	rVB	1271598	3270269	41.51%	1.283%
98	15.402	1162	1165	1168	rVB	927751	1321415	16.77%	0.519%
99	15.471	1168	1171	1173	rVB	1416970	1986272	25.21%	0.780%
100	16.945	1296	1300	1304	rVB2	431736	949816	12.06%	0.373%

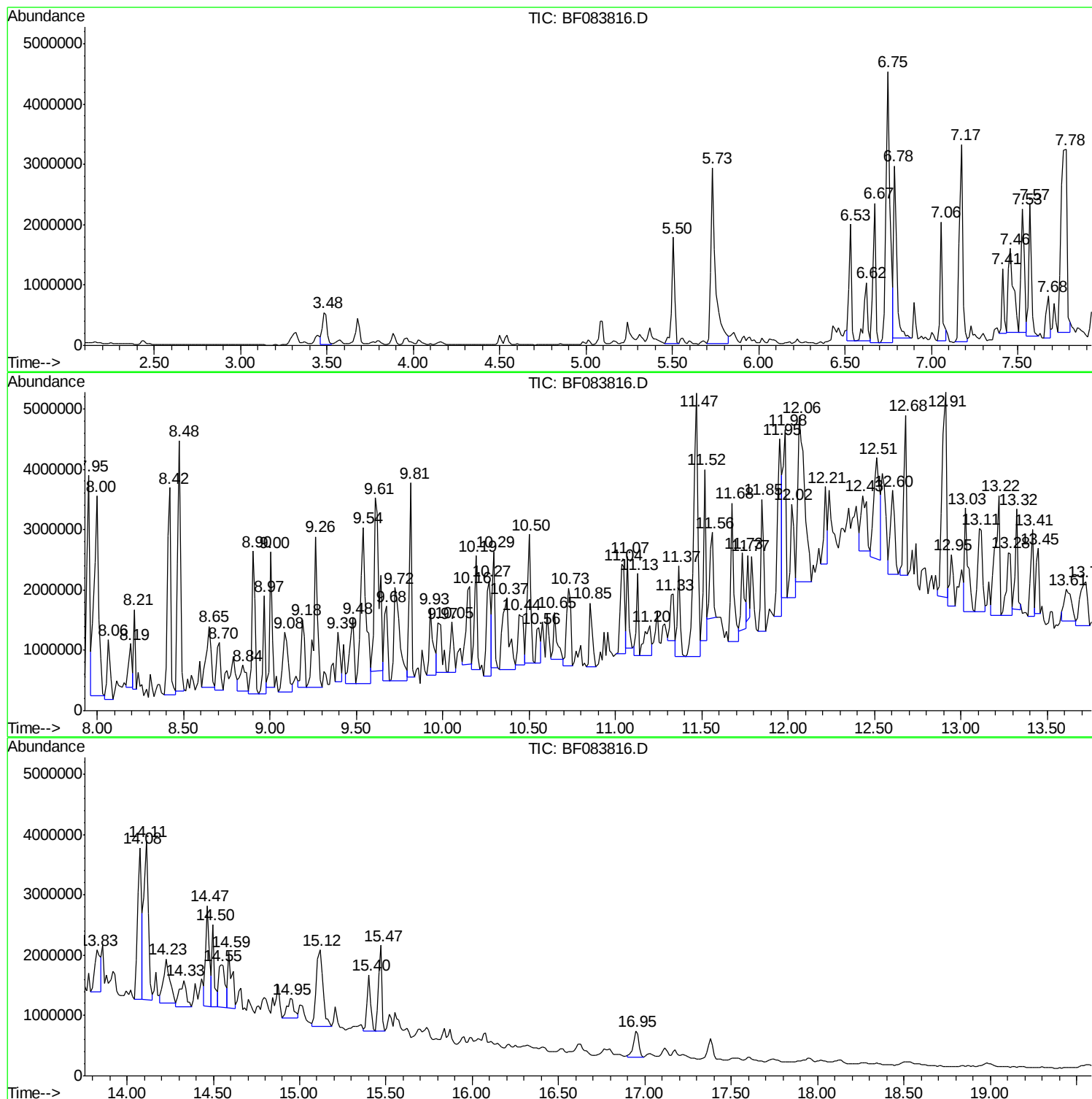
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Instrument :
BNA_F
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K205-5-10

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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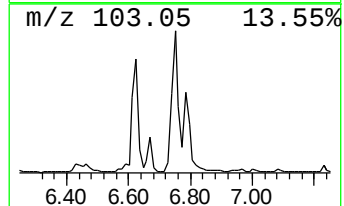
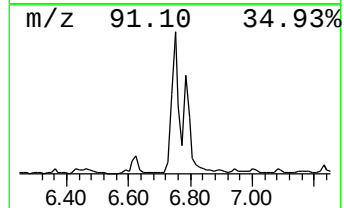
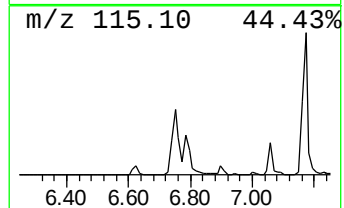
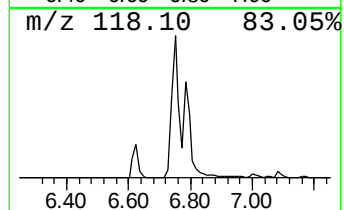
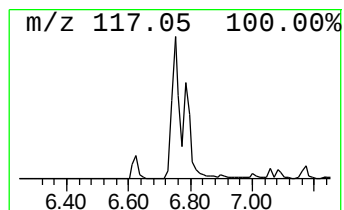
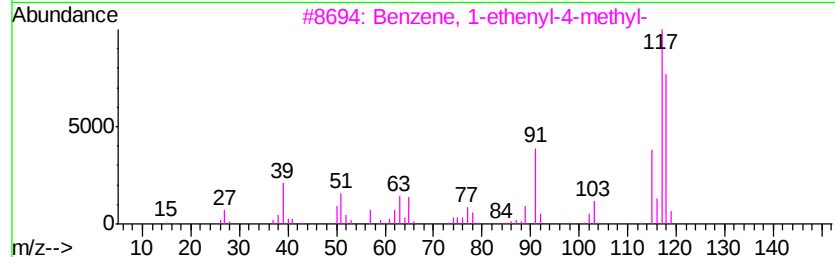
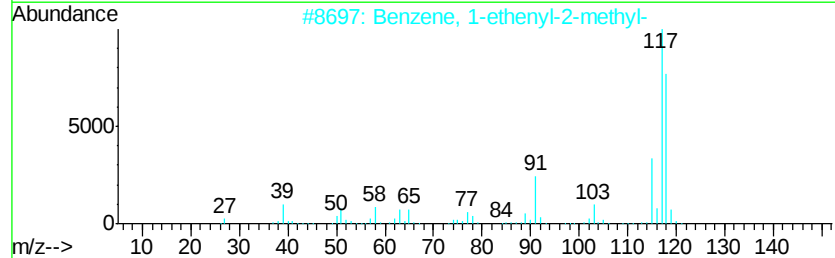
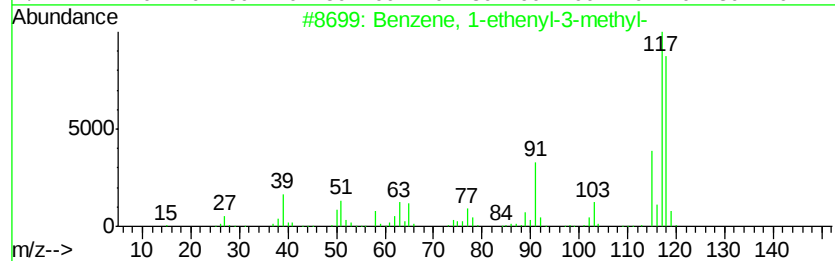
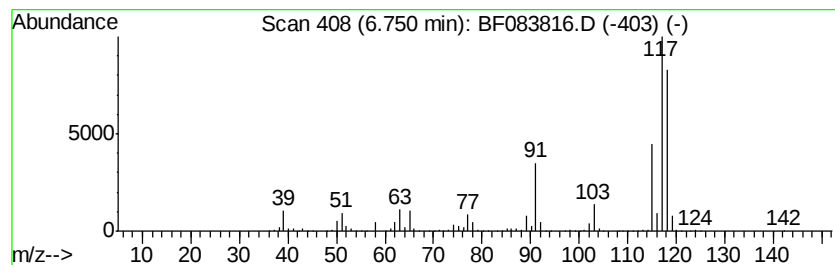
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	39.56 ng	7374540	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	93
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	93



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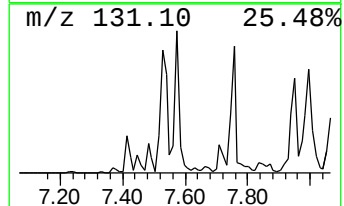
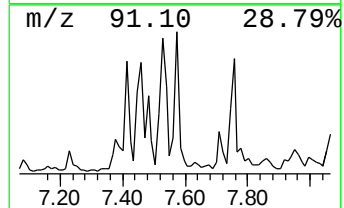
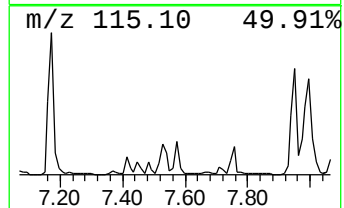
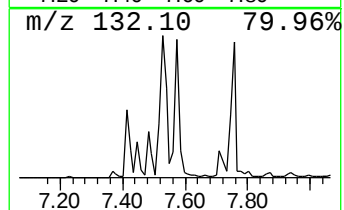
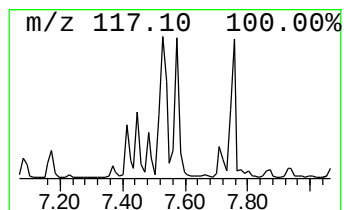
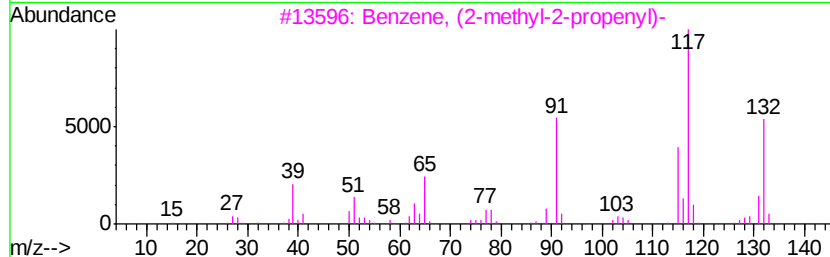
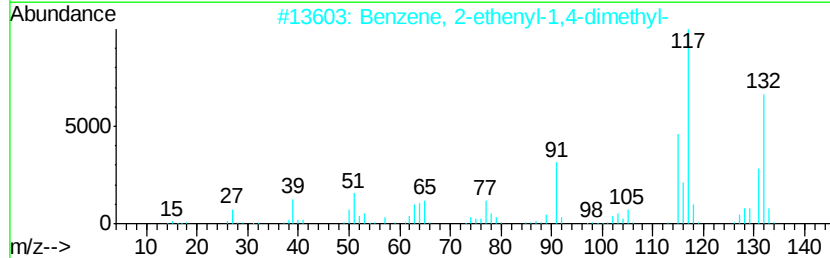
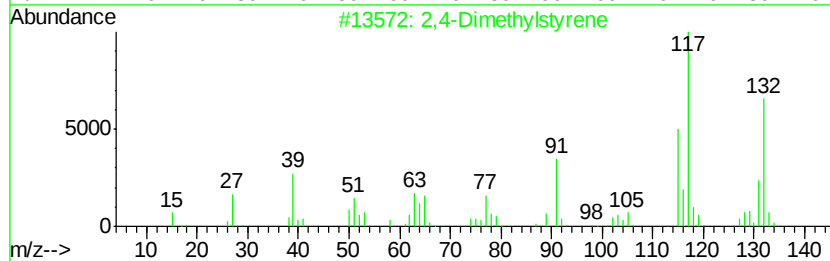
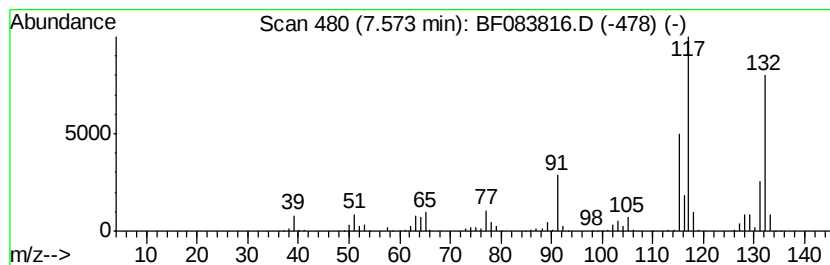
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2,4-Dimethylstyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	44.47 ng	2125950	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	97
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
3		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94



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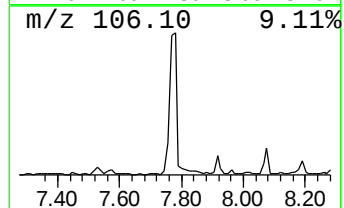
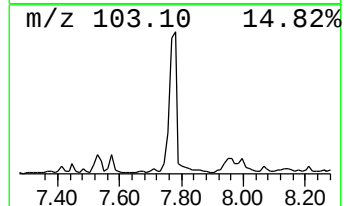
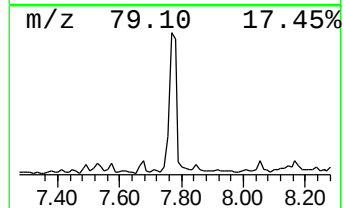
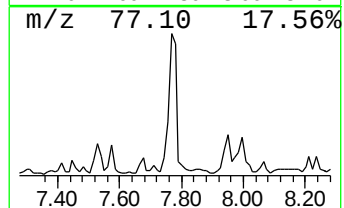
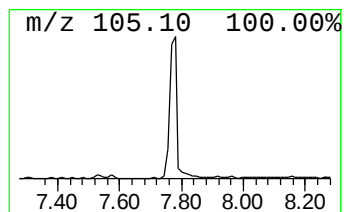
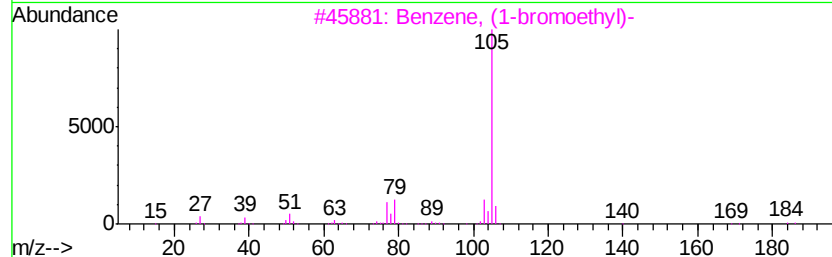
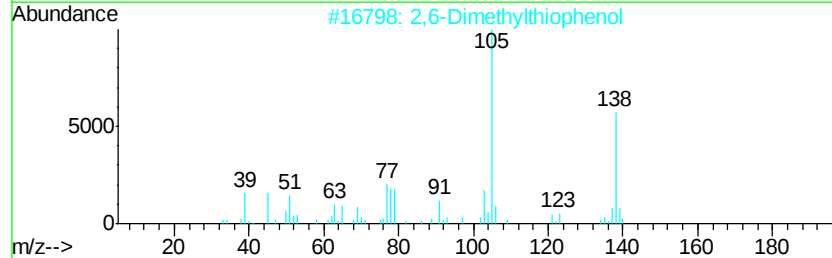
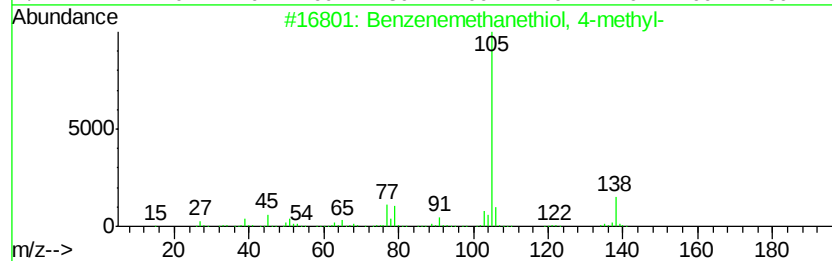
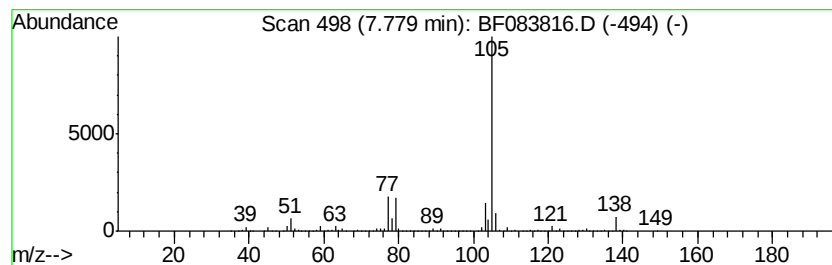
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzenemethanethiol, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	141.34 ng	6757070	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	78
2		2,6-Dimethylthiophenol	138	C8H10S	000118-72-9	78
3		Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	64
4		Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	64
5		Phenol, o-[(.alpha.-methylbenzyl)...]	262	C14H14O3S	029634-38-6	64



Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083816.D
Acq On : 15 Dec 2015 13:49
Operator : UM/IZ
Sample : G4739-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
K205-5-10

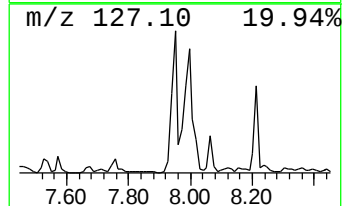
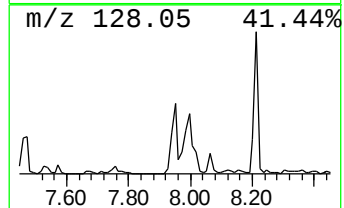
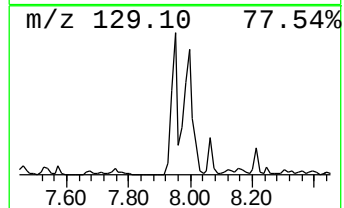
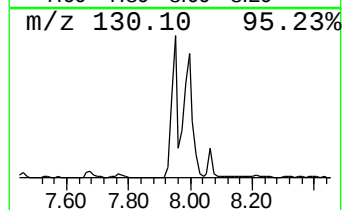
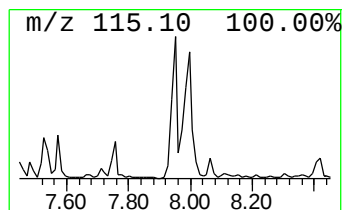
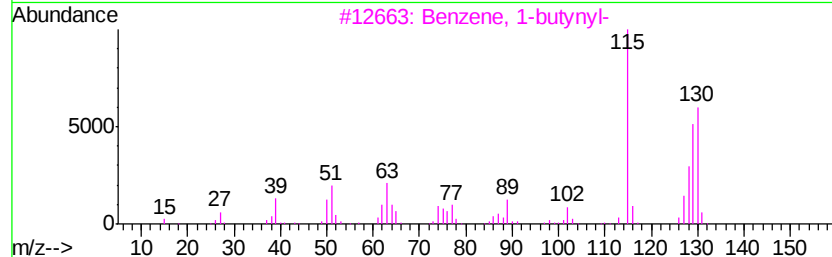
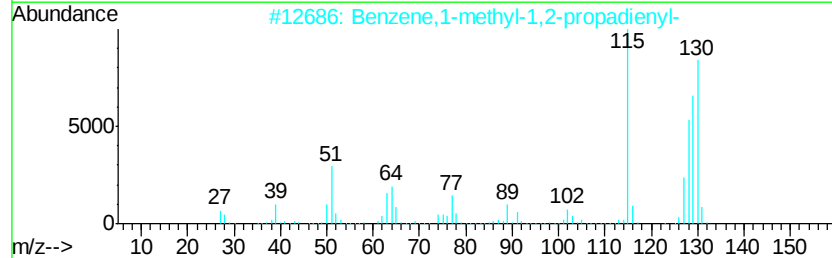
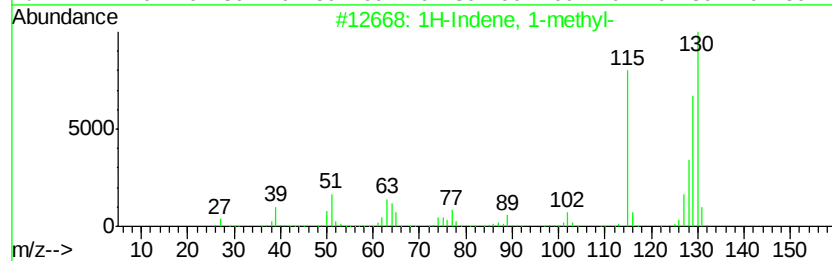
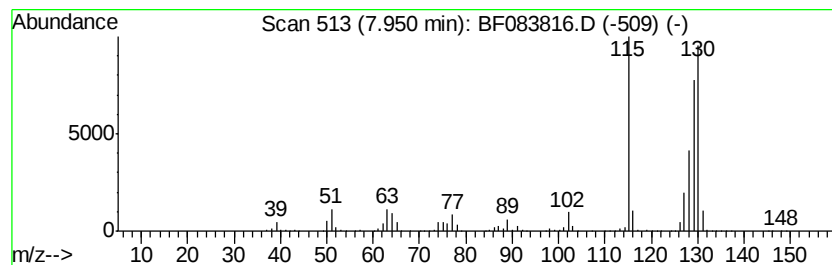
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1H-Indene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	105.89 ng	5062520	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
3		Benzene, 1-butylnyl-	130	C10H10	000622-76-4	94
4		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
5		2-Methylindene	130	C10H10	002177-47-1	92



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083816.D
Acq On : 15 Dec 2015 13:49
Operator : UM/IZ
Sample : G4739-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K205-5-10

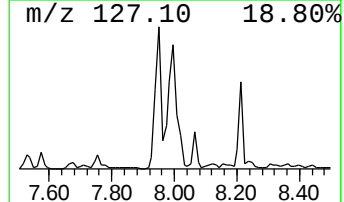
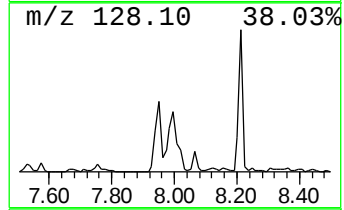
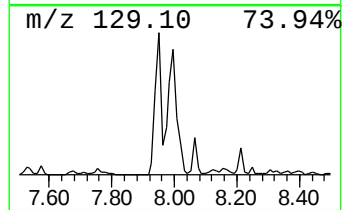
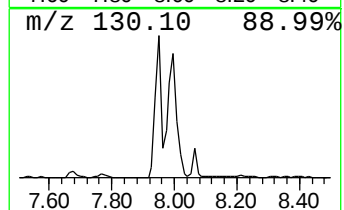
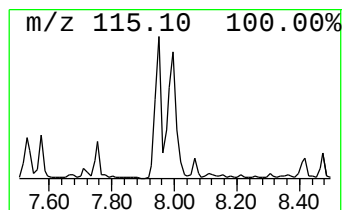
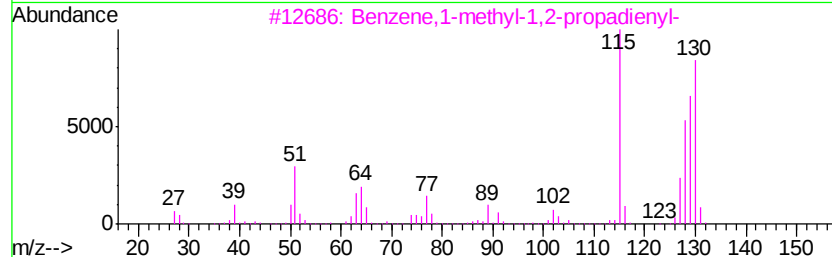
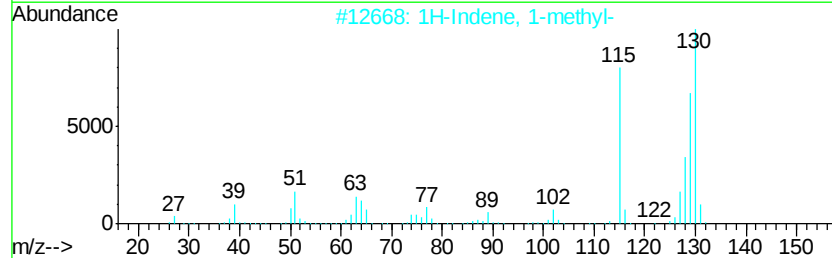
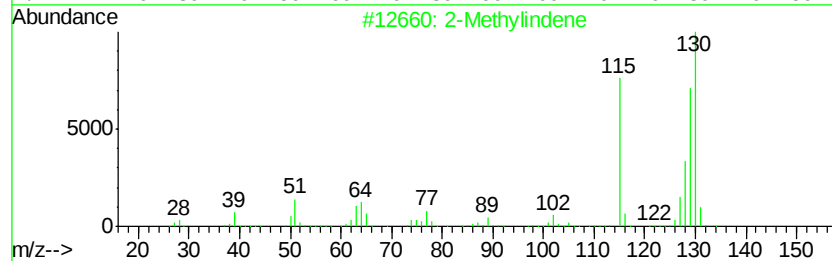
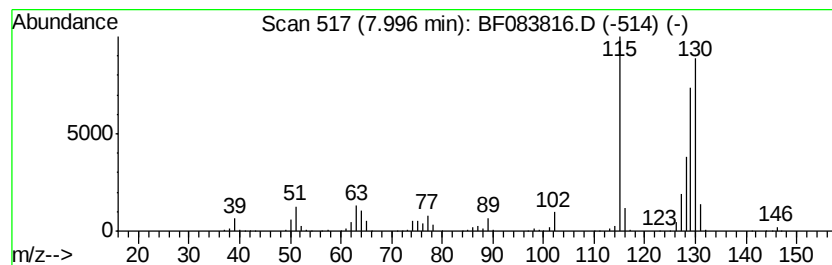
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Methylindene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	123.82 ng	5919440	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	96
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3		Benzene, 1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
4		Benzene, 1-butenyl-	130	C10H10	000622-76-4	93
5		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93



Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083816.D
Acq On : 15 Dec 2015 13:49
Operator : UM/IZ
Sample : G4739-01
Misc :
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Instrument :
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ClientSampleId :
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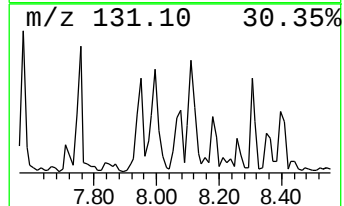
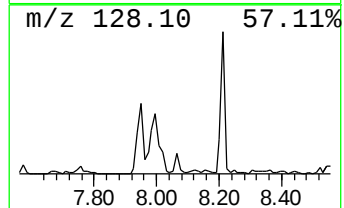
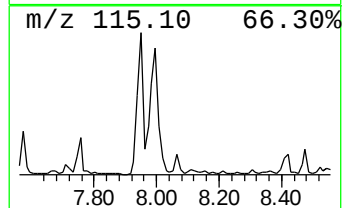
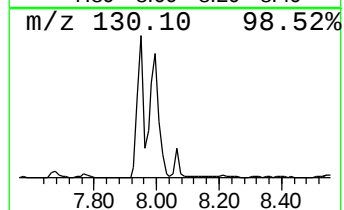
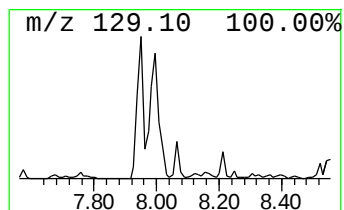
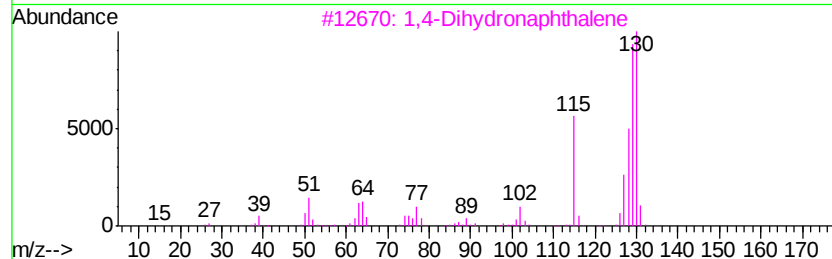
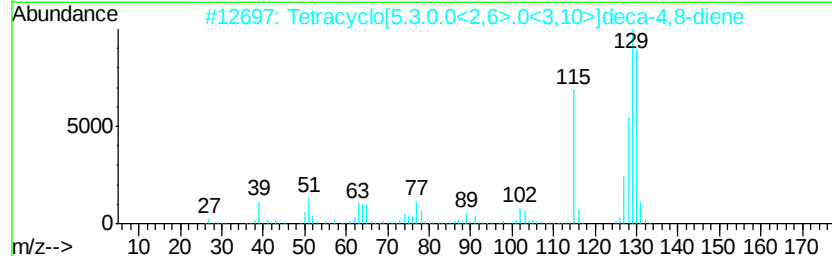
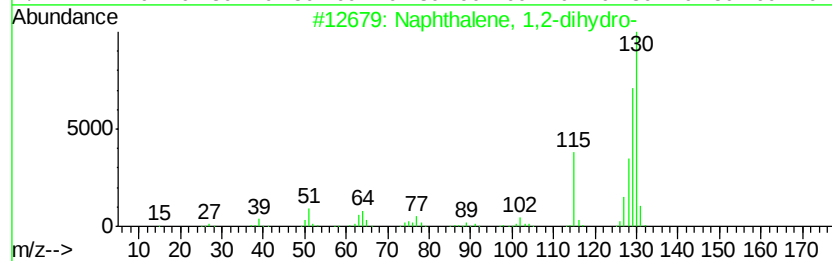
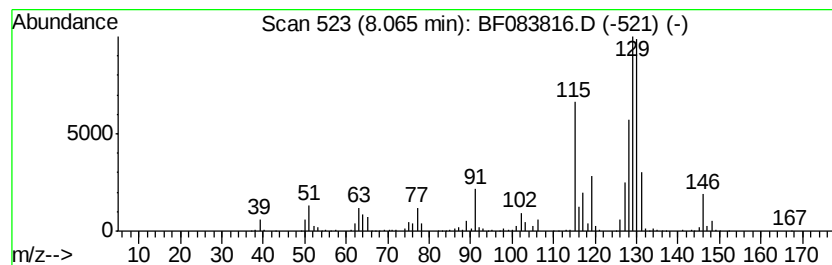
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2-dihydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	22.79 ng	1089300	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	93
2		Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	83
3		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	78
4		Triquinacene	130	C10H10	006053-74-3	70
5		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	60



Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083816.D
Acq On : 15 Dec 2015 13:49
Operator : UM/IZ
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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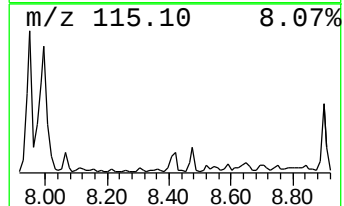
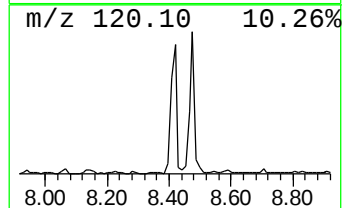
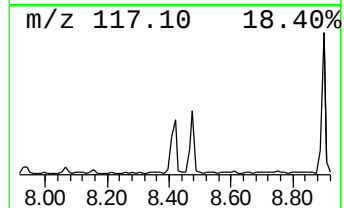
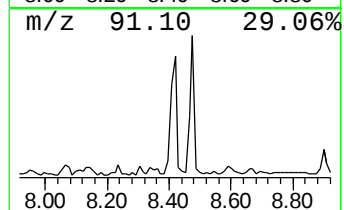
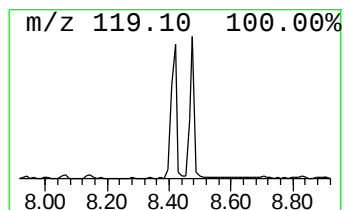
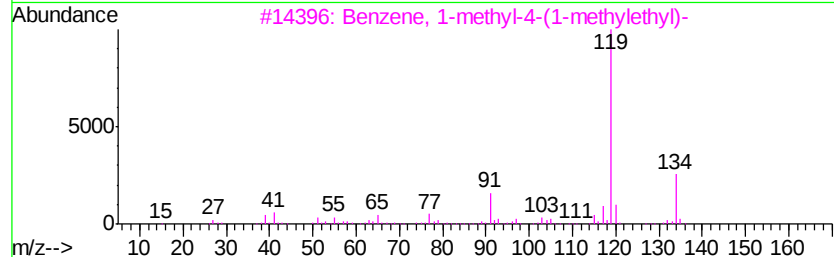
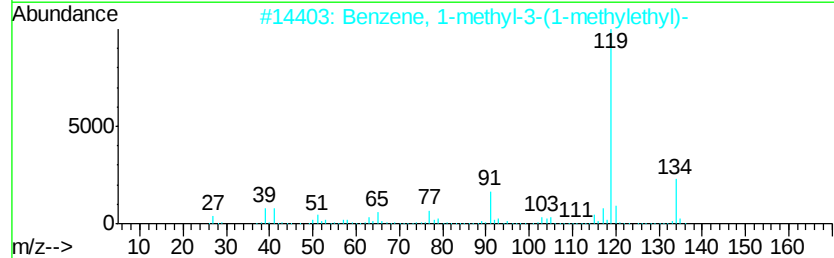
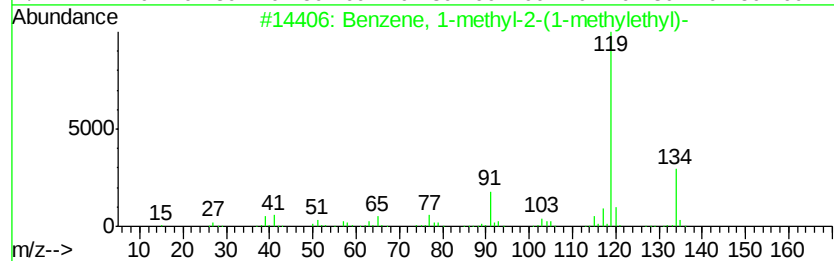
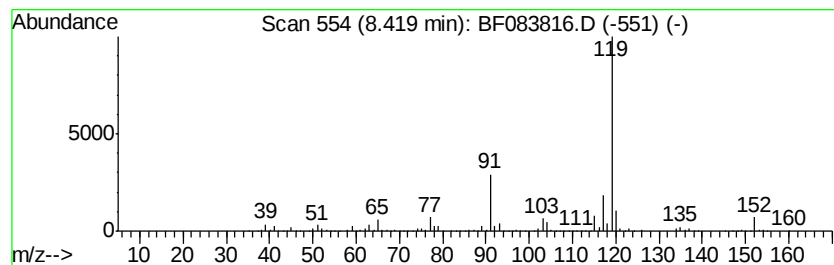
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-methyl-2-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	99.84 ng	4772950	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	90
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
3		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	86
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	80
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083816.D
Acq On : 15 Dec 2015 13:49
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Misc :
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Instrument :
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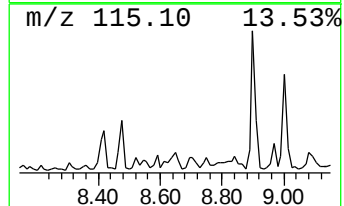
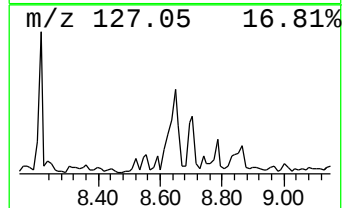
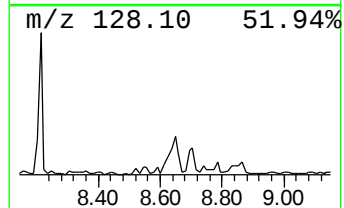
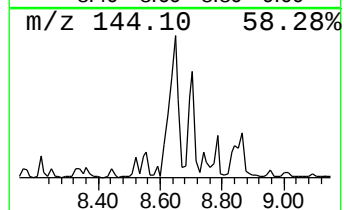
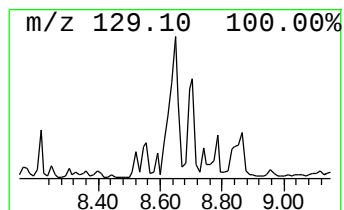
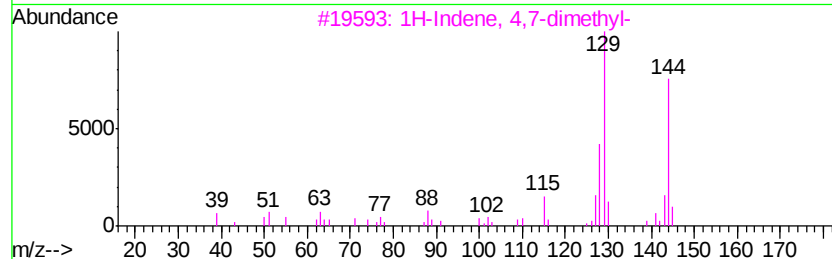
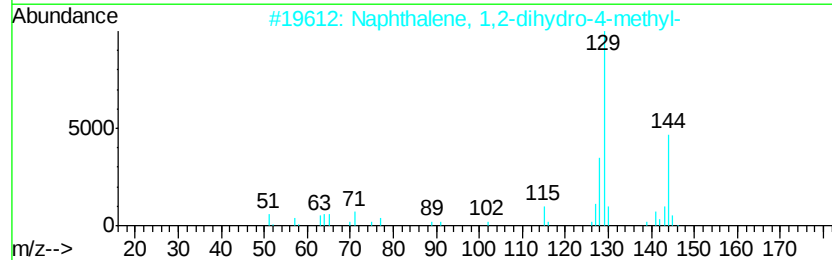
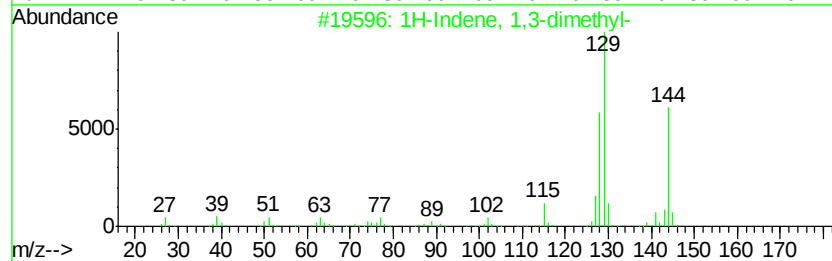
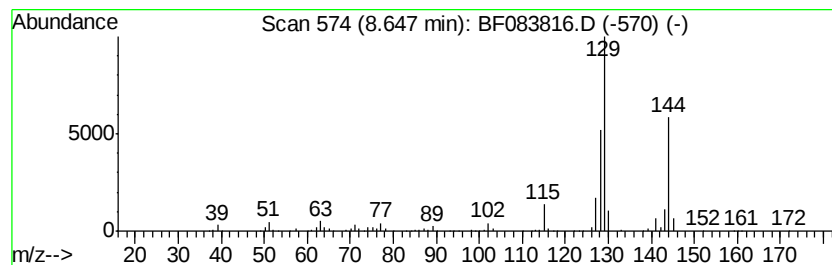
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Indene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	45.12 ng	2156960	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	97
2		Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	91
3		1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	91
4		(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	91
5		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083816.D
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ClientSampleId :
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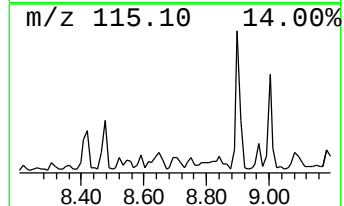
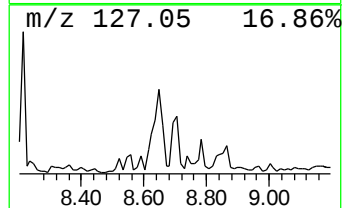
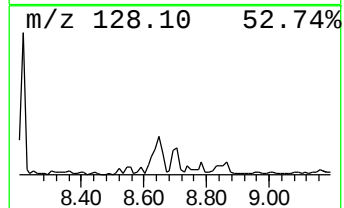
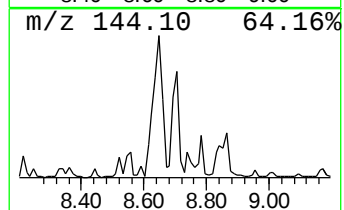
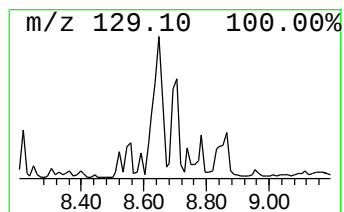
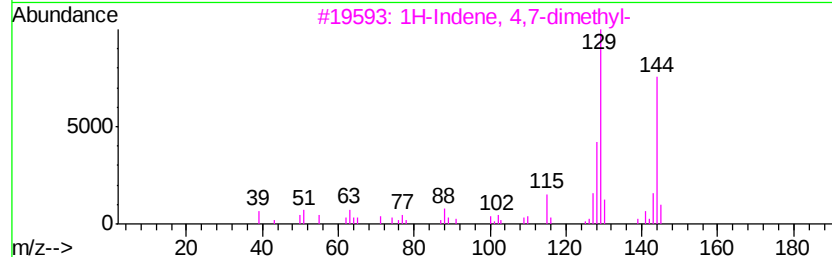
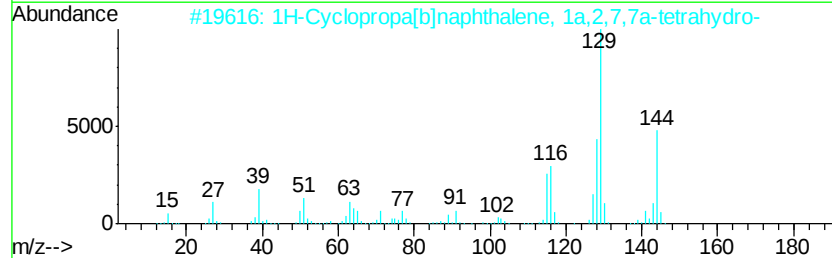
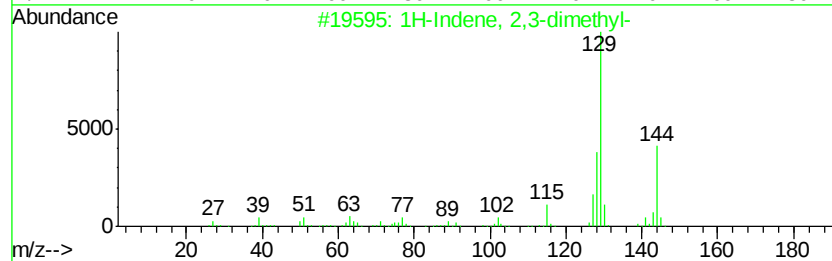
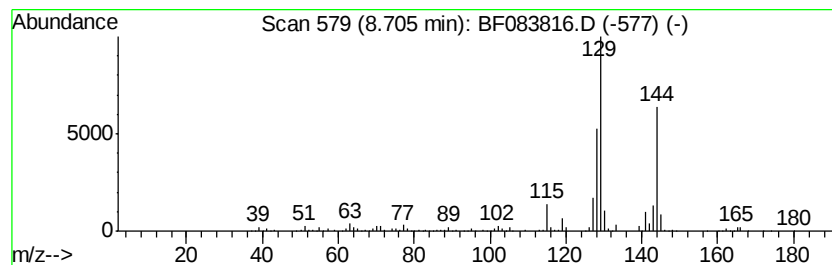
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Indene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	24.08 ng	1151040	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	93
2		1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	87
3		1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	87
4		Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	87
5		(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	87



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083816.D
Acq On : 15 Dec 2015 13:49
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ClientSampleId :
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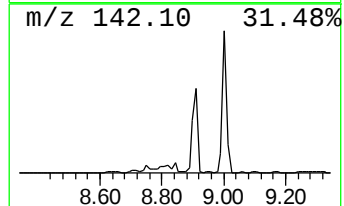
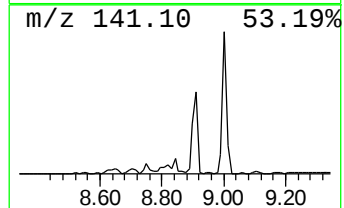
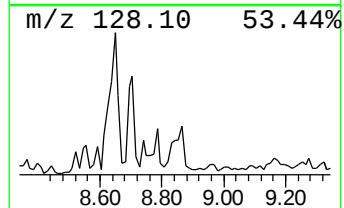
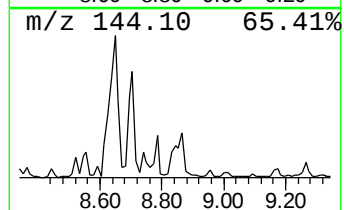
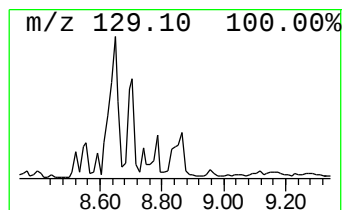
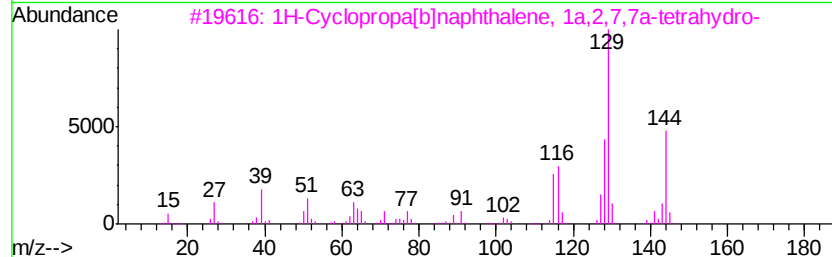
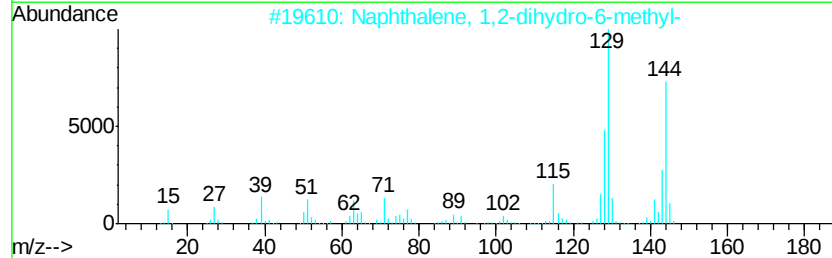
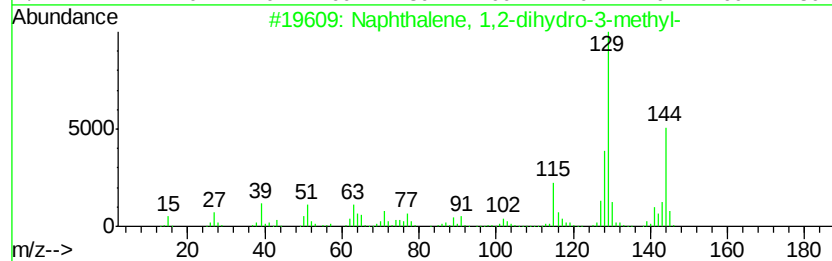
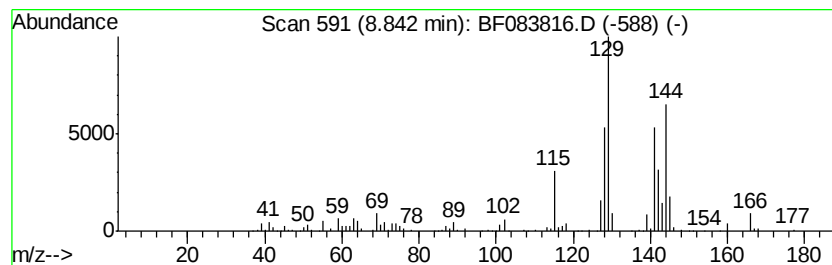
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2-dihydro-3-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	22.33 ng	1067340	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	64
2		Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	62
3		1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	58
4		1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	58
5		1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	58



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083816.D
Acq On : 15 Dec 2015 13:49
Operator : UM/IZ
Sample : G4739-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K205-5-10

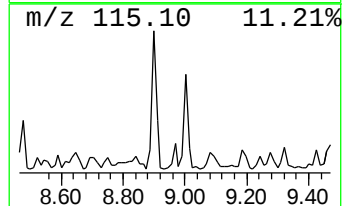
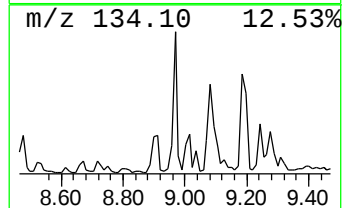
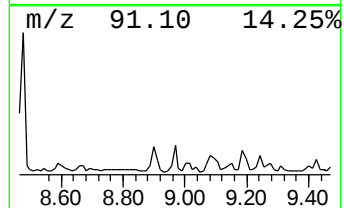
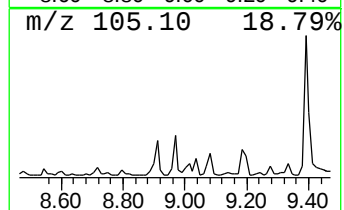
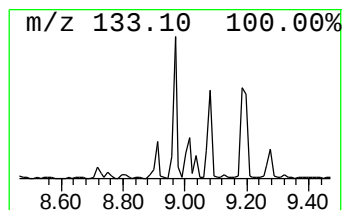
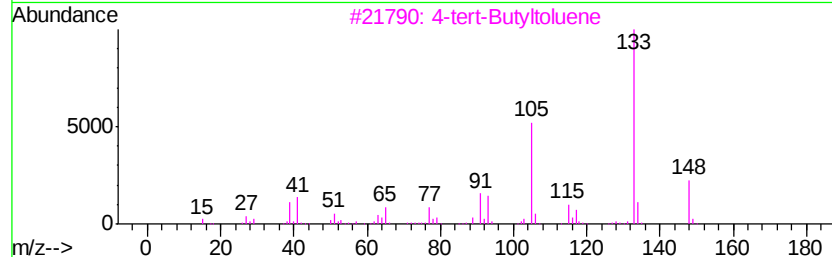
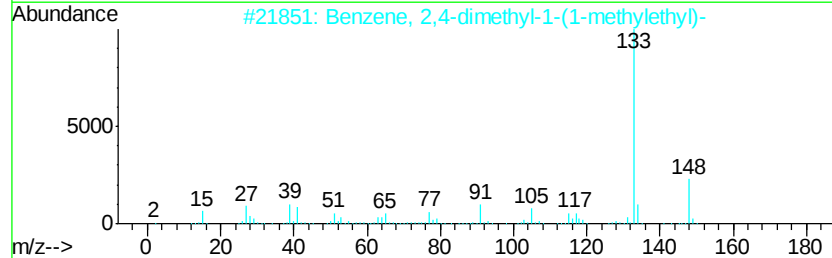
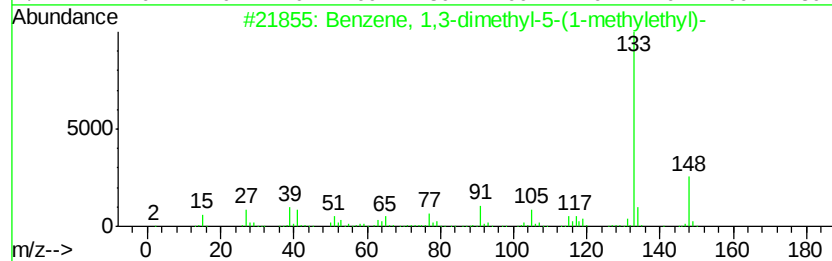
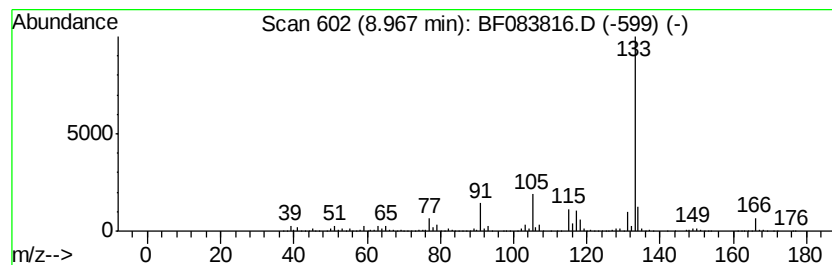
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	31.81 ng	1520520	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	78
2		Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	78
3		4-tert-Butyltoluene	148	C11H16	000098-51-1	64
4		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
5		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	59



Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083816.D
Acq On : 15 Dec 2015 13:49
Operator : UM/IZ
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Misc :
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Instrument :
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ClientSampleId :
K205-5-10

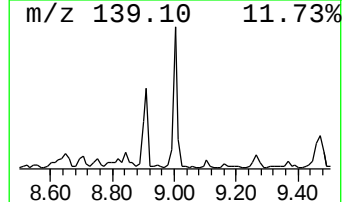
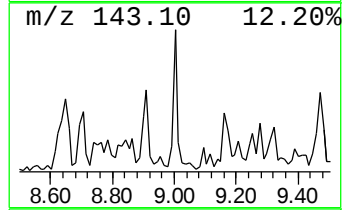
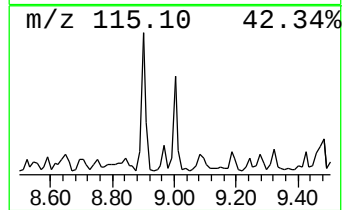
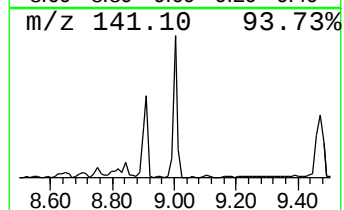
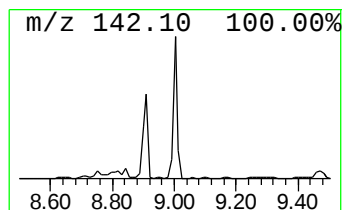
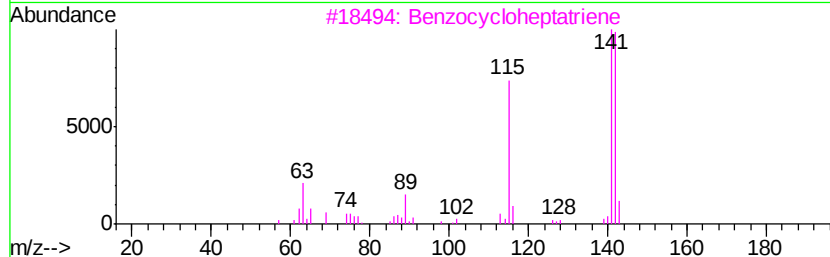
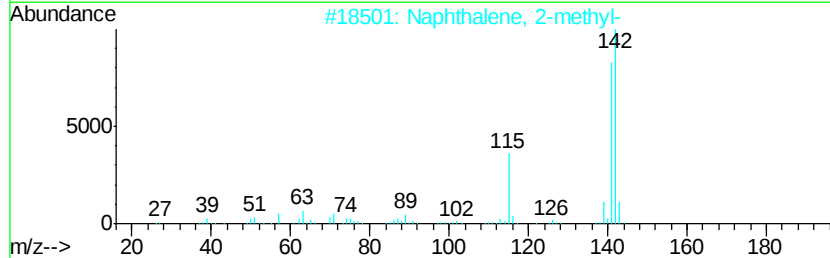
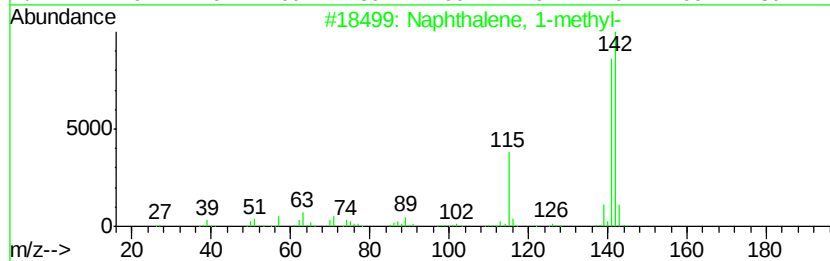
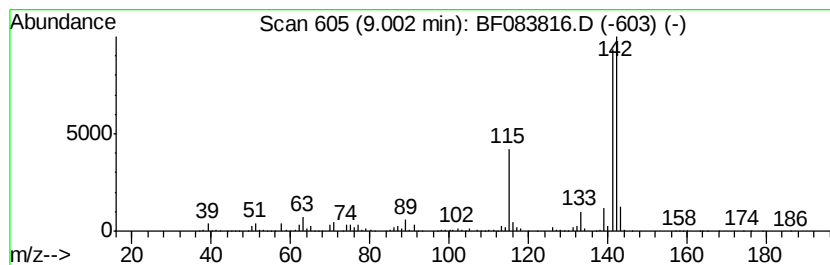
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	47.14 ng	2253600	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	93
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083816.D
Acq On : 15 Dec 2015 13:49
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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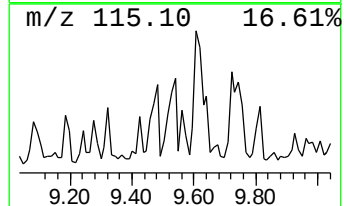
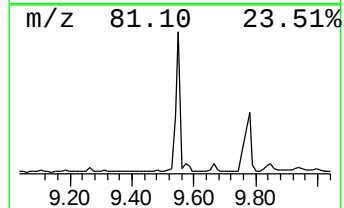
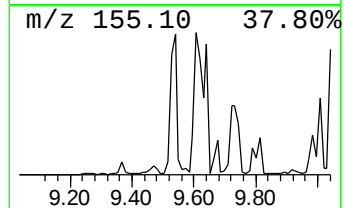
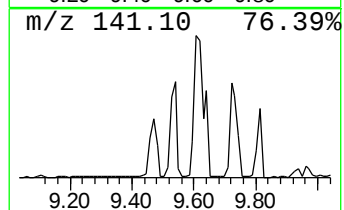
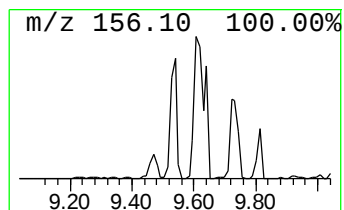
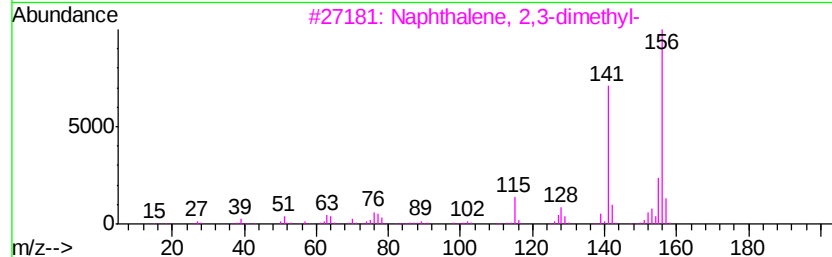
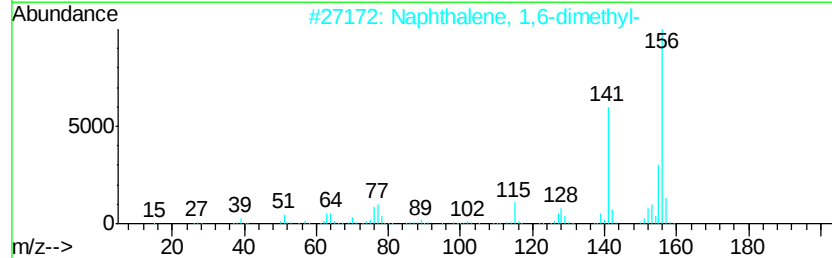
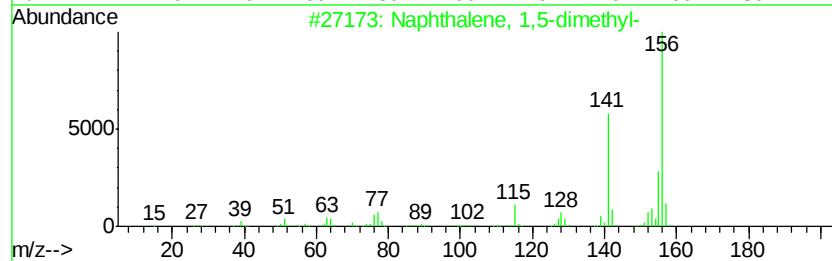
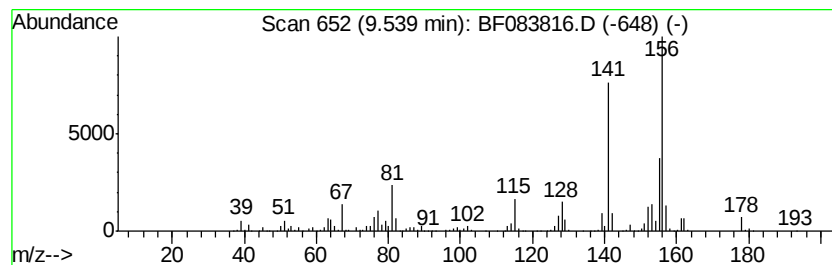
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	63.19 ng	5988910	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083816.D
Acq On : 15 Dec 2015 13:49
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Misc :
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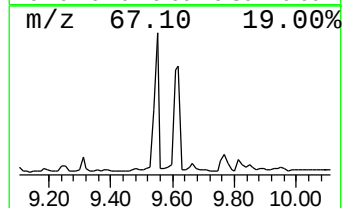
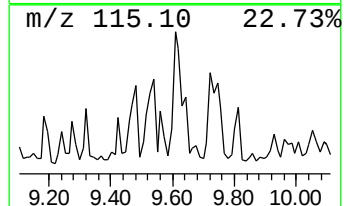
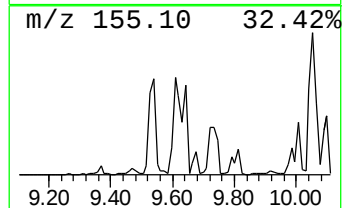
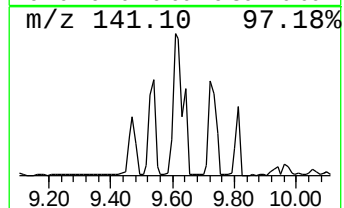
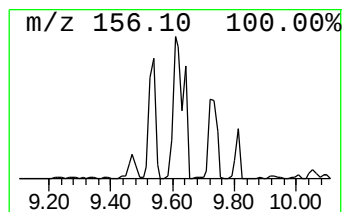
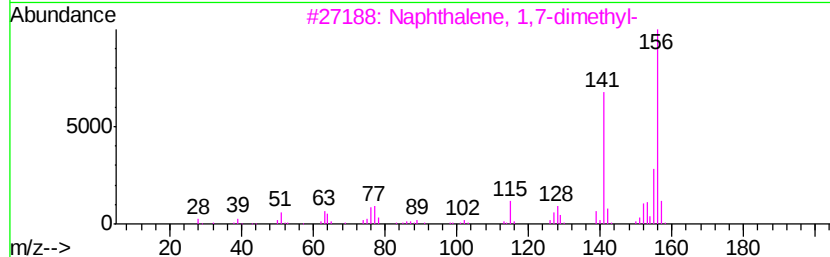
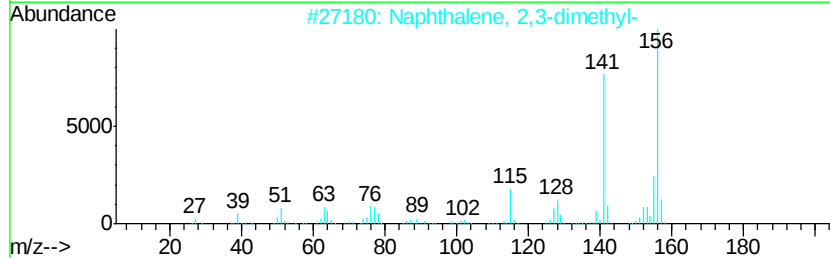
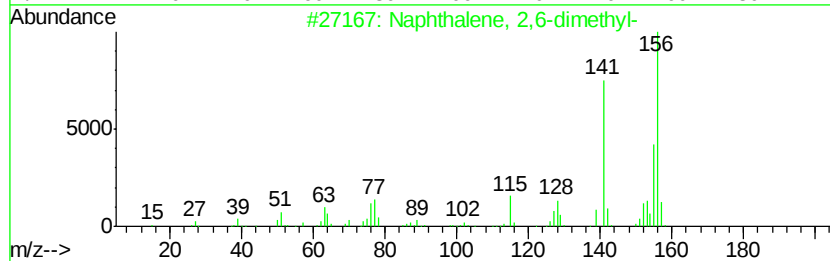
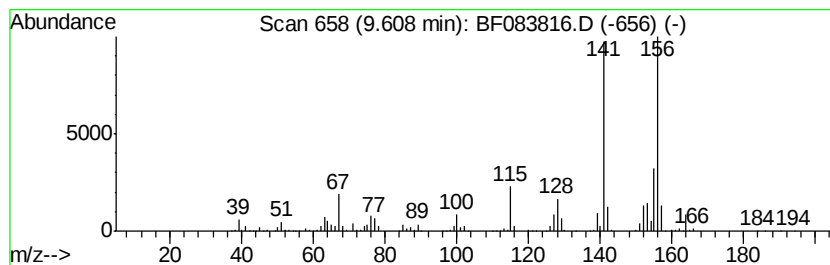
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	63.58 ng	6026700	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083816.D
Acq On : 15 Dec 2015 13:49
Operator : UM/IZ
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
K205-5-10

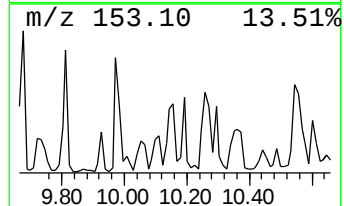
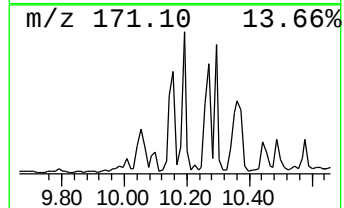
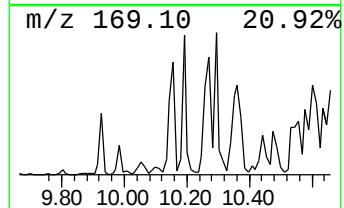
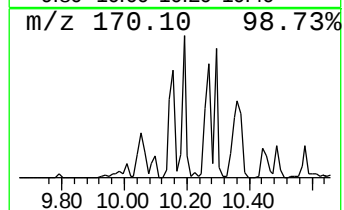
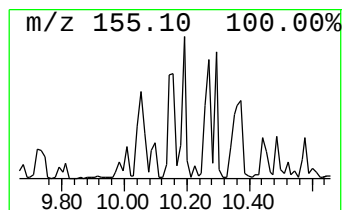
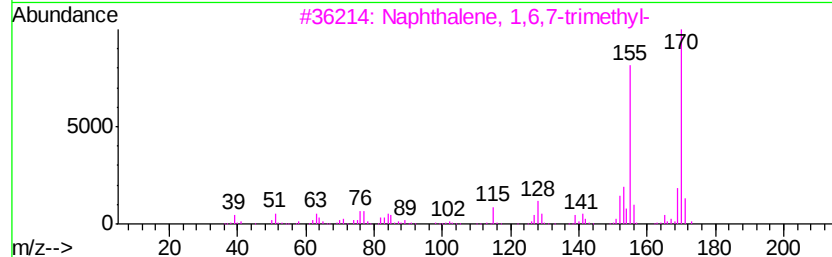
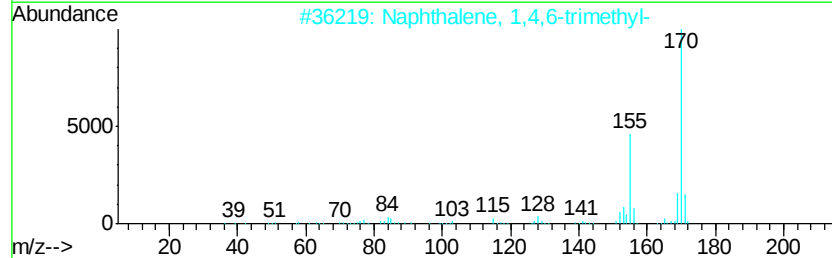
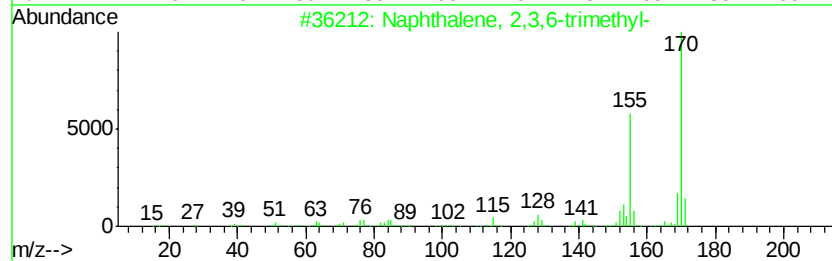
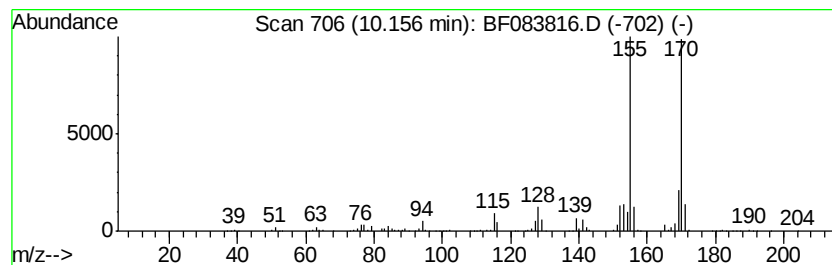
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	24.48 ng	2320170	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083816.D
Acq On : 15 Dec 2015 13:49
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
K205-5-10

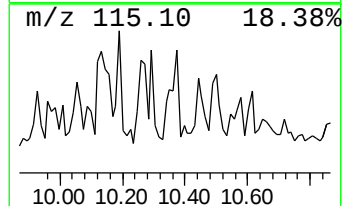
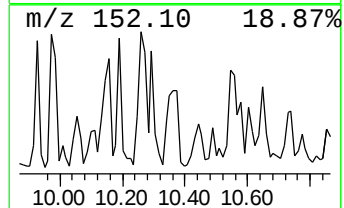
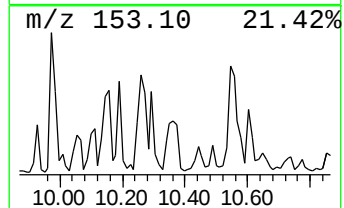
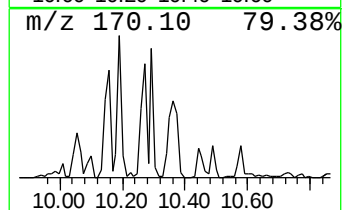
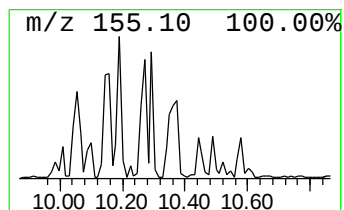
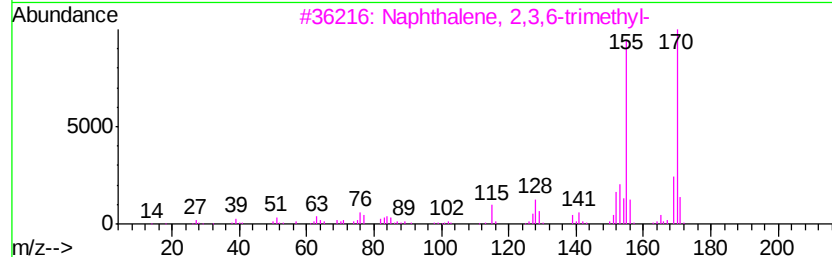
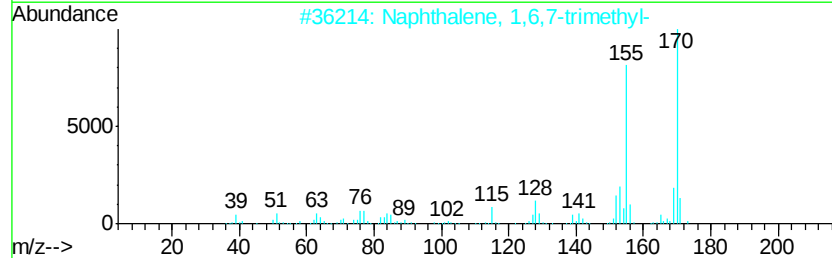
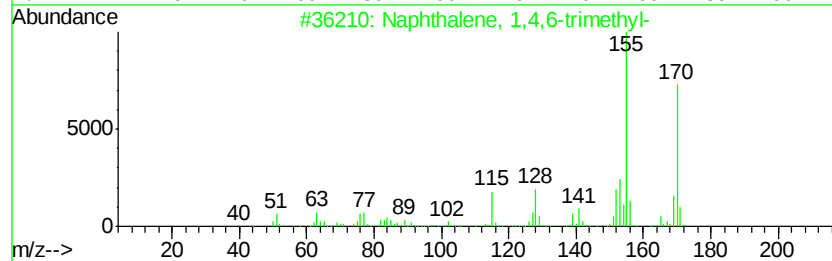
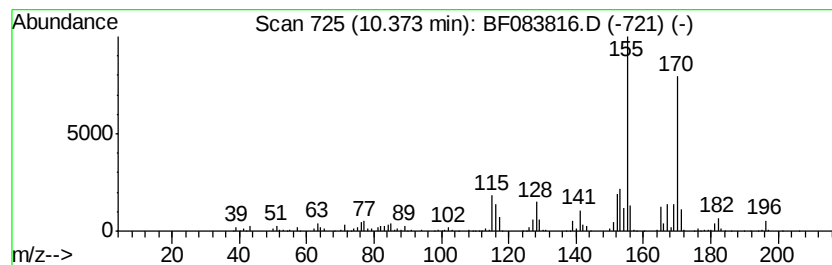
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	35.31 ng	3346850	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	80



Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083816.D
 Acq On : 15 Dec 2015 13:49
 Operator : UM/IZ
 Sample : G4739-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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
Benzene, 1-etheny...	6.75	39.6	ng	7374540	1	6.90	3728120	20.0
2,4-Dimethylstyrene	7.57	44.5	ng	2125950	2	8.19	956146	20.0
Benzenemethanethi...	7.78	141.3	ng	6757070	2	8.19	956146	20.0
1H-Indene, 1-methyl-	7.95	105.9	ng	5062520	2	8.19	956146	20.0
2-Methylindene	8.00	123.8	ng	5919440	2	8.19	956146	20.0
Naphthalene, 1,2-...	8.06	22.8	ng	1089300	2	8.19	956146	20.0
Benzene, 1-methyl...	8.42	99.8	ng	4772950	2	8.19	956146	20.0
1H-Indene, 1,3-di...	8.65	45.1	ng	2156960	2	8.19	956146	20.0
1H-Indene, 2,3-di...	8.70	24.1	ng	1151040	2	8.19	956146	20.0
Naphthalene, 1,2-...	8.84	22.3	ng	1067340	2	8.19	956146	20.0
Benzene, 1,3-dime...	8.97	31.8	ng	1520520	2	8.19	956146	20.0
Naphthalene, 1-me...	9.00	47.1	ng	2253600	2	8.19	956146	20.0
Naphthalene, 1,5-...	9.54	63.2	ng	5988910	3	9.94	1895660	20.0
Naphthalene, 2,6-...	9.61	63.6	ng	6026700	3	9.94	1895660	20.0
Naphthalene, 2,3,...	10.16	24.5	ng	2320170	3	9.94	1895660	20.0
Naphthalene, 1,4,...	10.37	35.3	ng	3346850	3	9.94	1895660	20.0