

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082795.D
 Acq On : 7 Nov 2015 7:40
 Operator : UM/IZ
 Sample : G4259-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-110315

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-BF110715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.024	254	257	261	rVB	1029740	1404143	15.53%	1.295%
2	5.447	291	294	296	rBV	3995331	3612471	39.96%	3.332%
3	6.007	341	343	345	rBV	150841	175178	1.94%	0.162%
4	6.305	367	369	372	rBV	194554	174397	1.93%	0.161%
5	6.476	381	384	386	rBV	2891445	2552491	28.24%	2.354%
6	6.613	393	396	398	rBV	5649600	5518288	61.04%	5.090%
7	6.647	398	399	403	rVB3	104210	123640	1.37%	0.114%
8	6.807	408	413	414	rVV4	143158	153702	1.70%	0.142%
9	6.842	414	416	418	rVV	1241670	1509025	16.69%	1.392%
10	7.002	428	430	435	rBV2	4738024	6338166	70.11%	5.846%
11	7.105	437	439	441	rBV	540706	450709	4.99%	0.416%
12	7.196	443	447	449	rBV	336991	415969	4.60%	0.384%
13	7.253	449	452	455	rBV3	122393	191978	2.12%	0.177%
14	7.413	462	466	469	rVV2	4902540	7314937	80.92%	6.747%
15	7.505	471	474	475	rBV2	185980	242491	2.68%	0.224%
16	7.550	475	478	482	rBV2	96804	172590	1.91%	0.159%
17	7.630	482	485	487	rVB	930036	1053189	11.65%	0.971%
18	7.745	493	495	497	rBV2	186469	220622	2.44%	0.203%
19	7.813	497	501	504	rVB3	490411	1043364	11.54%	0.962%
20	7.870	504	506	508	rBV2	2052257	2636949	29.17%	2.432%
21	7.916	508	510	511	rVB	169178	152805	1.69%	0.141%
22	7.962	511	514	517	rVB2	182007	263769	2.92%	0.243%
23	8.008	517	518	520	rVB	225999	195720	2.17%	0.181%
24	8.053	520	522	525	rBV3	114809	303525	3.36%	0.280%
25	8.133	525	529	530	rVV	2759535	2923340	32.34%	2.696%
26	8.156	530	531	532	rVV	790637	621429	6.87%	0.573%
27	8.190	532	534	536	rVB	394551	527071	5.83%	0.486%
28	8.236	536	538	542	rBV4	375509	688818	7.62%	0.635%
29	8.293	542	543	544	rBV	137637	115059	1.27%	0.106%
30	8.339	544	547	549	rBV	417384	715431	7.91%	0.660%
31	8.385	549	551	552	rVV2	606309	603906	6.68%	0.557%
32	8.419	552	554	555	rVB2	634045	646454	7.15%	0.596%
33	8.476	557	559	561	rBV3	90600	227140	2.51%	0.210%
34	8.522	561	563	566	rVB2	876867	1014915	11.23%	0.936%

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35	8.602	566	570	572 rBV	700386	1005043	11.12%	0.927%
36	8.636	572	573	575 rVV	394289	527580	5.84%	0.487%
37	8.705	575	579	580 rVV2	267956	435893	4.82%	0.402%
38	8.728	580	581	583 rVB2	540228	412640	4.56%	0.381%
39	8.773	583	585	586 rBV2	204322	322506	3.57%	0.297%
40	8.796	586	587	589 rVB	787834	566397	6.27%	0.522%
41	8.830	589	590	594 rBV3	194595	384713	4.26%	0.355%
42	8.888	594	595	597 rBV	130559	143356	1.59%	0.132%
43	8.945	598	600	603 rVV	2747899	3018522	33.39%	2.784%
44	9.002	603	605	608 rVV4	193231	310185	3.43%	0.286%
45	9.048	608	609	611 rVV2	287093	209624	2.32%	0.193%
46	9.082	611	612	615 rVV3	203796	266513	2.95%	0.246%
47	9.139	615	617	619 rVV2	181199	254551	2.82%	0.235%
48	9.219	619	624	625 rVB	7942268	9039862	100.00%	8.338%
49	9.253	625	627	628 rVB2	118530	150437	1.66%	0.139%
50	9.333	631	634	635 rBV3	143427	325477	3.60%	0.300%
51	9.368	635	637	638 rVV	224797	261931	2.90%	0.242%
52	9.391	638	639	643 rVV3	162951	389418	4.31%	0.359%
53	9.471	644	646	649 rVV	1350206	1792056	19.82%	1.653%
54	9.551	650	653	654 rVV	1939644	2365026	26.16%	2.181%
55	9.573	654	655	657 rVV	1168968	1179448	13.05%	1.088%
56	9.608	657	658	659 rVV	474072	355660	3.93%	0.328%
57	9.665	659	663	668 rVB2	748449	1391673	15.39%	1.284%
58	9.745	668	670	673 rVB2	425017	488962	5.41%	0.451%
59	9.791	673	674	675 rBV	106878	111840	1.24%	0.103%
60	9.825	675	677	680 rVB3	109896	159068	1.76%	0.147%
61	9.893	680	683	687 rBV2	1805375	3393677	37.54%	3.130%
62	9.951	687	688	689 rVV	248982	190171	2.10%	0.175%
63	9.985	689	691	695 rVV4	332774	991927	10.97%	0.915%
64	10.088	698	700	703 rBV	556016	791287	8.75%	0.730%
65	10.133	703	704	705 rVB	411609	282364	3.12%	0.260%
66	10.156	705	706	708 rBV2	177331	259082	2.87%	0.239%
67	10.202	708	710	712 rBV2	607847	887149	9.81%	0.818%
68	10.248	712	714	715 rVB2	457856	598178	6.62%	0.552%
69	10.316	715	720	722 rVB4	556204	1067612	11.81%	0.985%
70	10.373	722	725	728 rBV5	279374	610449	6.75%	0.563%
71	10.431	728	730	731 rBV	571609	493898	5.46%	0.456%

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72	10.499	734	736	739	rVB	1056212	905835	10.02%	0.836%
73	10.625	745	747	749	rBV2	179002	331882	3.67%	0.306%
74	10.682	749	752	754	rVV	4081534	5341252	59.09%	4.927%
75	10.716	754	755	757	rVB2	171179	225481	2.49%	0.208%
76	10.796	760	762	767	rVB3	430058	740155	8.19%	0.683%
77	10.899	767	771	772	rBV4	269363	388377	4.30%	0.358%
78	10.979	775	778	779	rBV2	205133	346527	3.83%	0.320%
79	11.014	779	781	784	rVV2	501090	673098	7.45%	0.621%
80	11.059	784	785	787	rVV2	197146	243189	2.69%	0.224%
81	11.128	789	791	793	rVB3	197720	309892	3.43%	0.286%
82	11.254	800	802	803	rBV	230829	198577	2.20%	0.183%
83	11.368	810	812	816	rVB	2294265	2278384	25.20%	2.102%
84	11.676	837	839	843	rBV4	99215	278372	3.08%	0.257%
85	11.745	843	845	849	rVB4	111898	219292	2.43%	0.202%
86	11.916	858	860	864	rVB2	959297	1024335	11.33%	0.945%
87	11.974	864	865	867	rVB2	97104	94541	1.05%	0.087%
88	12.076	872	874	876	rVB3	120264	150255	1.66%	0.139%
89	12.694	926	928	931	rBV	467796	487024	5.39%	0.449%
90	12.785	935	936	939	rVV2	595135	743149	8.22%	0.685%
91	12.842	939	941	946	rVB2	191428	365292	4.04%	0.337%
92	12.957	948	951	954	rVV	5648839	8152150	90.18%	7.519%
93	13.494	996	998	1001	rBV	709946	632300	6.99%	0.583%
94	13.540	1001	1002	1007	rVB2	74396	120463	1.33%	0.111%
95	13.722	1016	1018	1027	rVB2	45816	121333	1.34%	0.112%
96	13.871	1029	1031	1036	rBV	390938	539543	5.97%	0.498%
97	14.008	1040	1043	1045	rBV	1511159	2092394	23.15%	1.930%
98	14.191	1056	1059	1061	rVB	100913	111669	1.24%	0.103%
99	14.488	1083	1085	1093	rVB2	82221	163345	1.81%	0.151%
100	15.425	1164	1167	1170	rBV	1100122	1399039	15.48%	1.290%

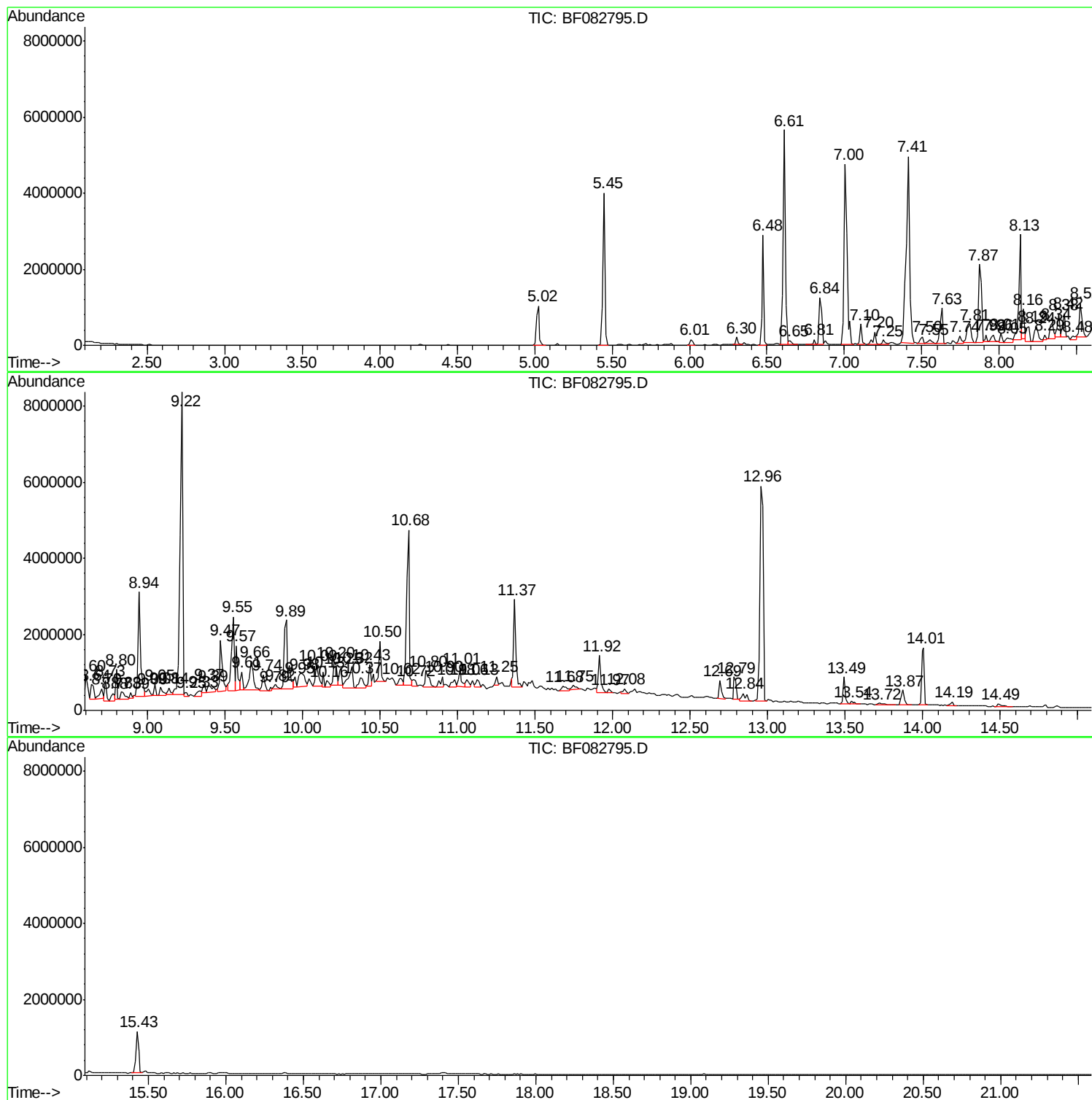
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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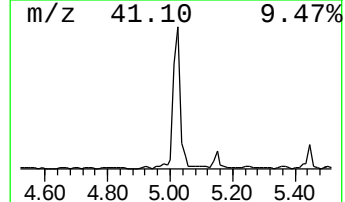
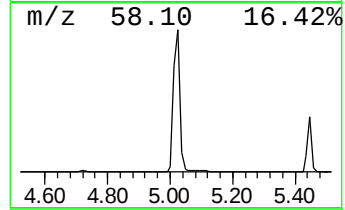
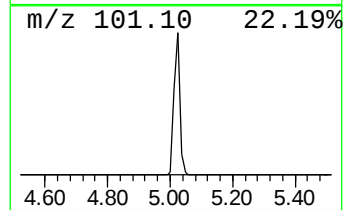
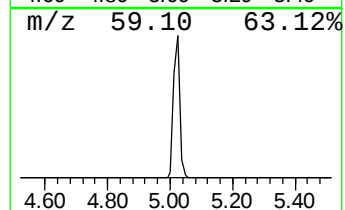
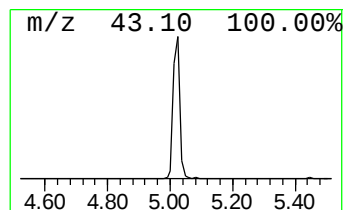
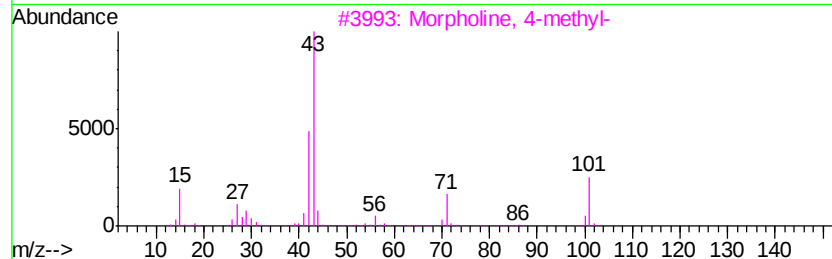
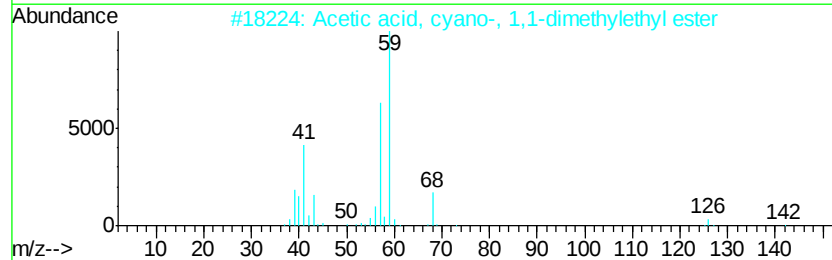
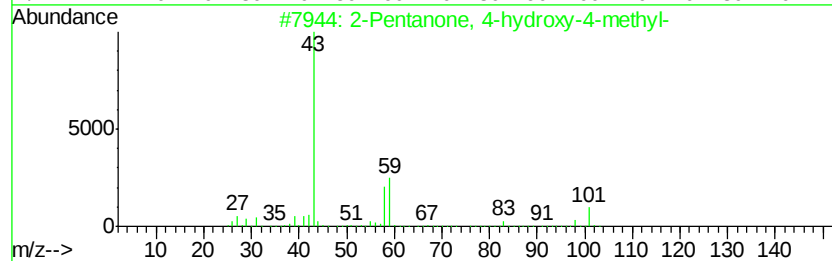
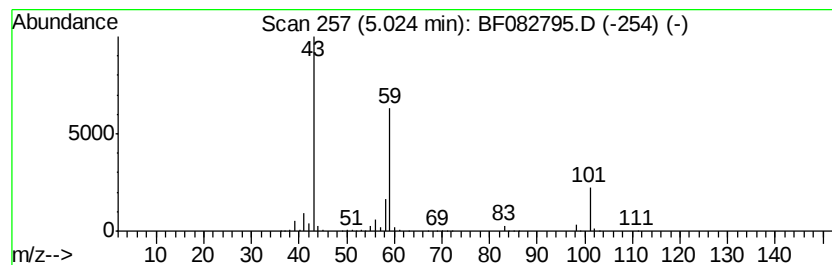
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	18.61 ng	1404140	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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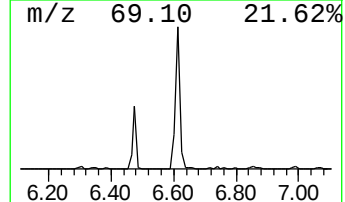
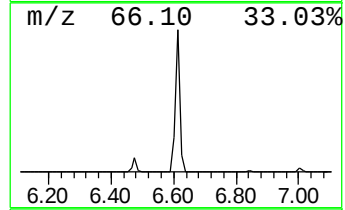
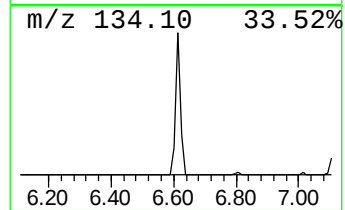
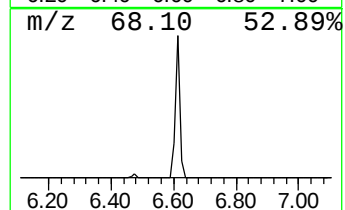
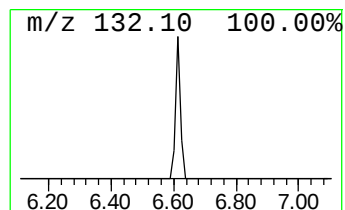
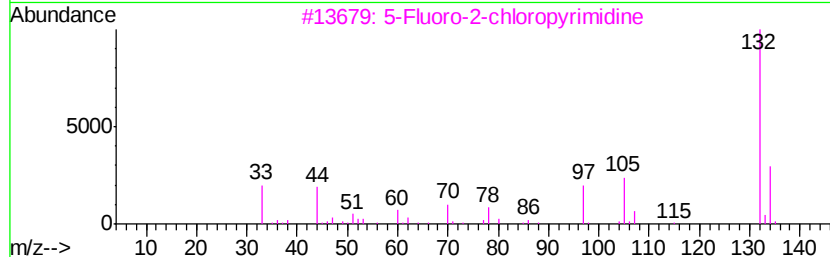
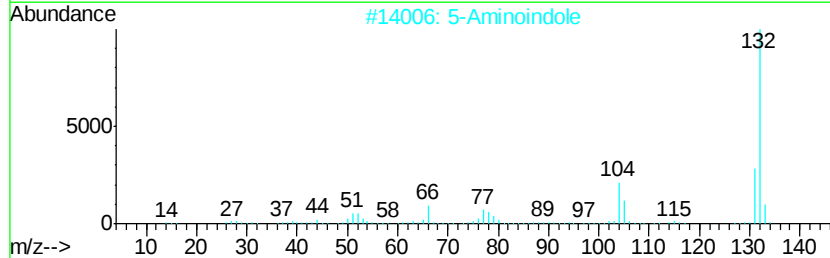
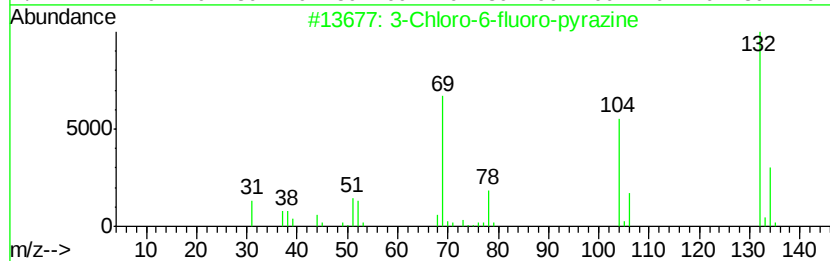
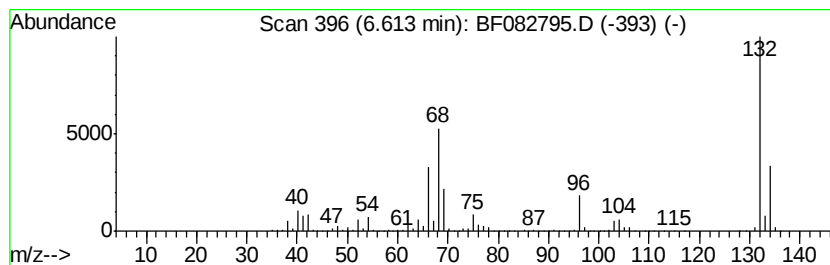
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.61 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	73.14 ng	5518290	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3		Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5		Aminoindole	132	C8H8N2	005192-03-0	27
3	5		Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4			(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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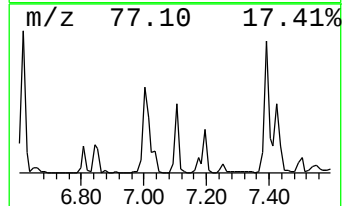
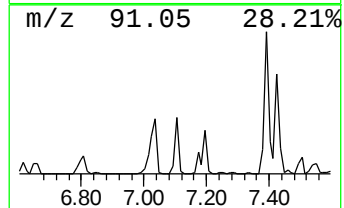
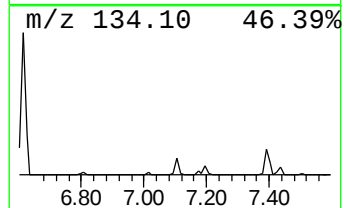
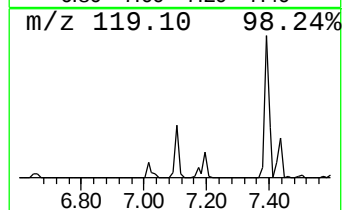
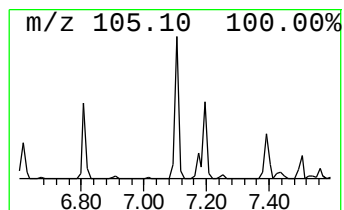
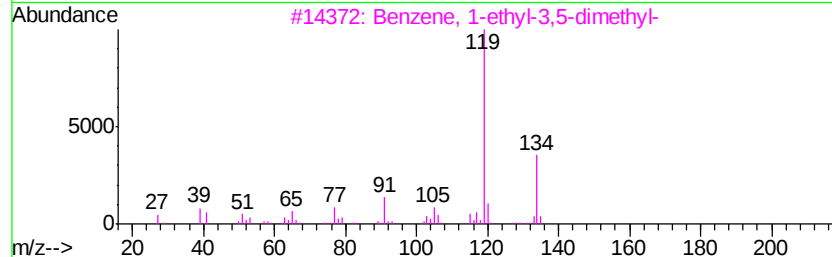
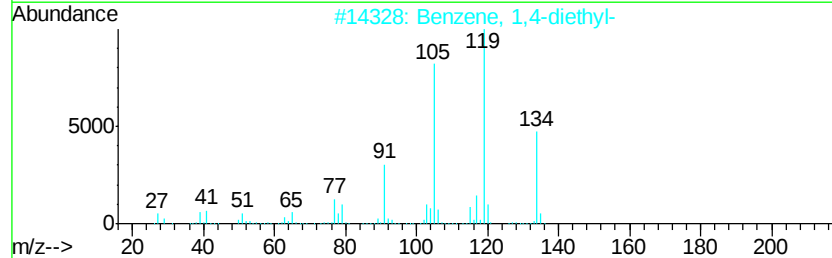
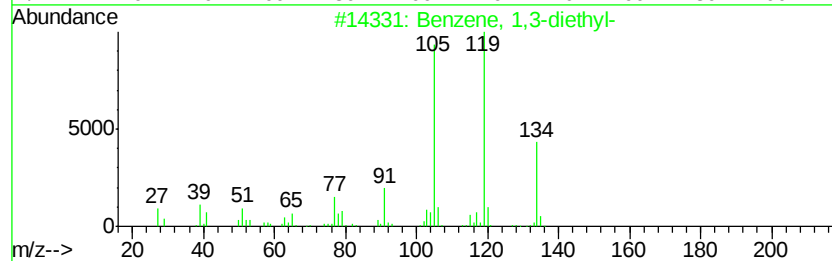
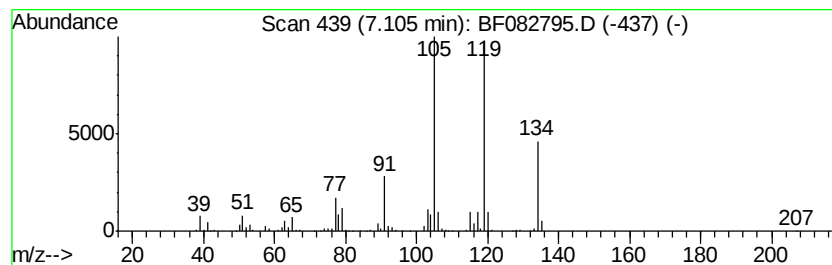
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	5.97 ng	450709	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082795.D
Acq On : 7 Nov 2015 7:40
Operator : UM/IZ
Sample : G4259-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-02-110315

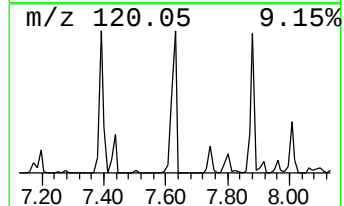
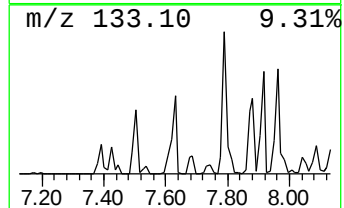
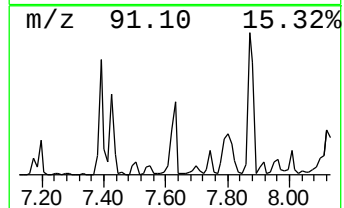
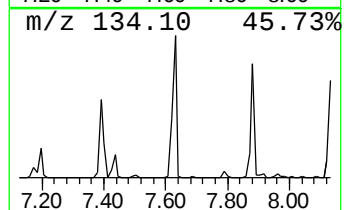
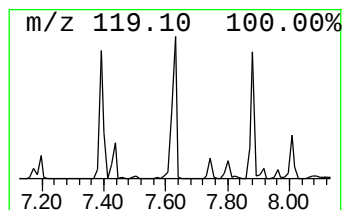
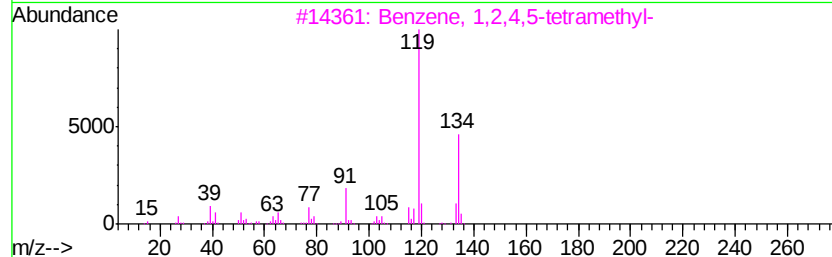
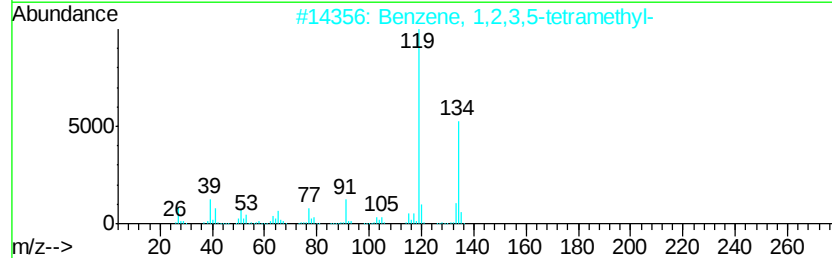
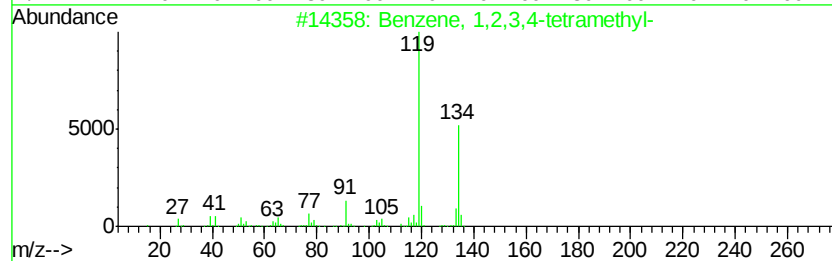
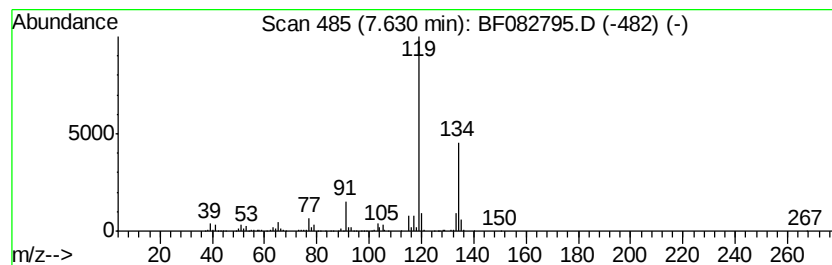
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	7.21 ng	1053190	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082795.D
Acq On : 7 Nov 2015 7:40
Operator : UM/IZ
Sample : G4259-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-02-110315

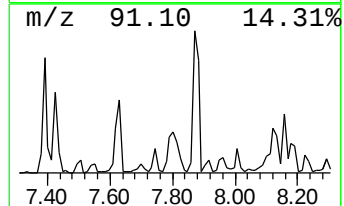
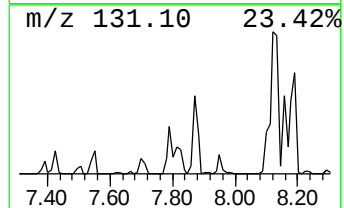
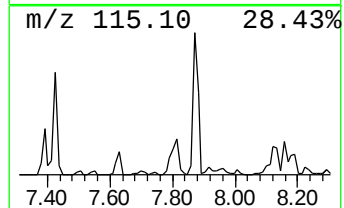
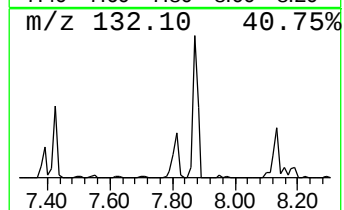
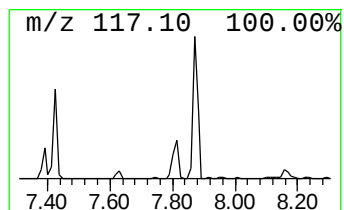
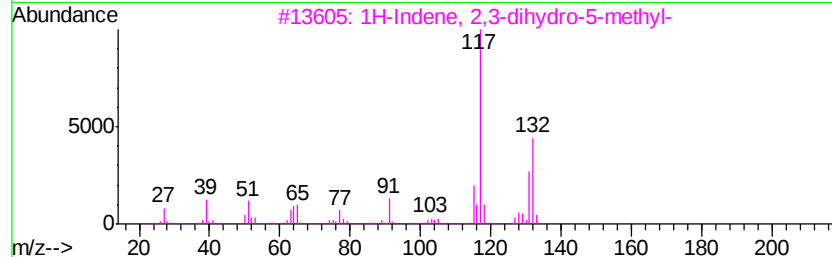
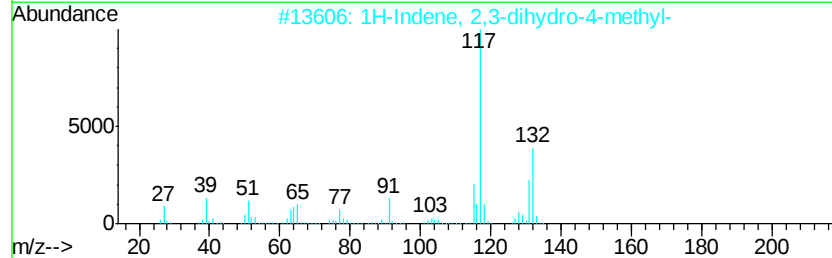
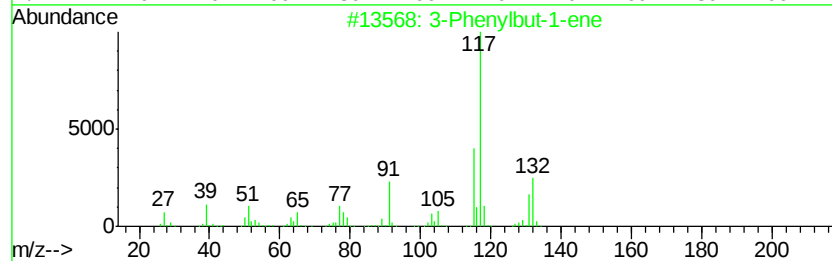
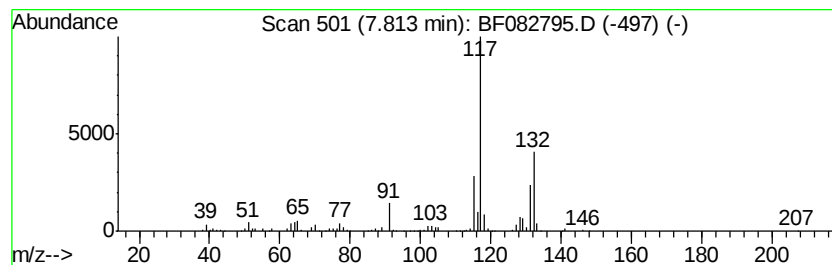
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 3-Phenylbut-1-ene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	7.14 ng	1043360	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082795.D
Acq On : 7 Nov 2015 7:40
Operator : UM/IZ
Sample : G4259-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-02-110315

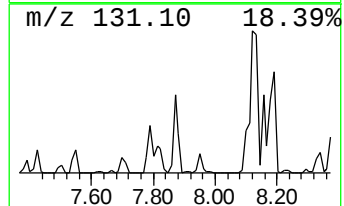
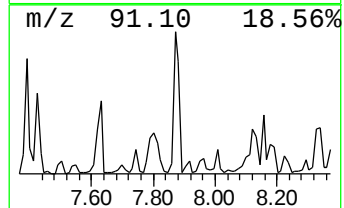
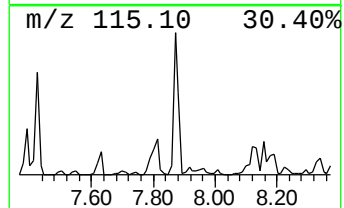
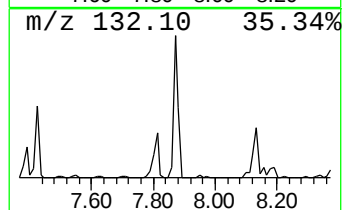
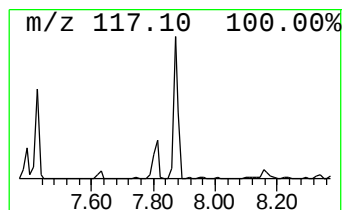
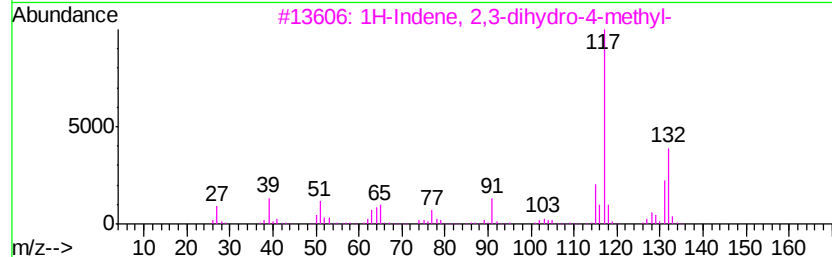
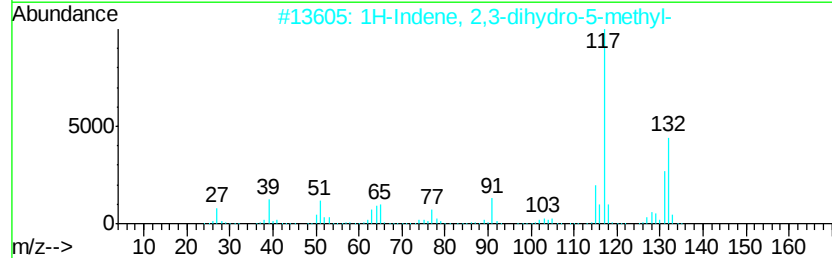
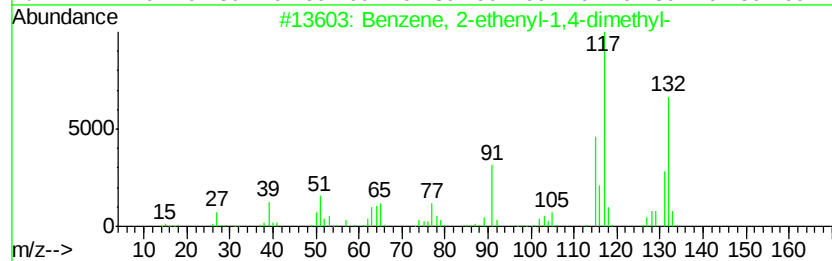
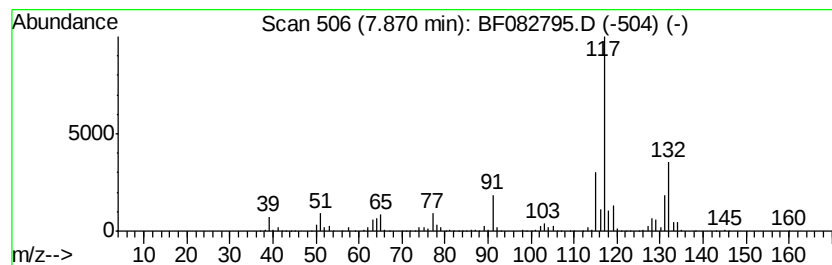
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	18.04 ng	2636950	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	91
5		Indan, 1-methyl-	132	C10H12	000767-58-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082795.D
Acq On : 7 Nov 2015 7:40
Operator : UM/IZ
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Misc :
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Instrument :
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ClientSampleId :
MW-02-110315

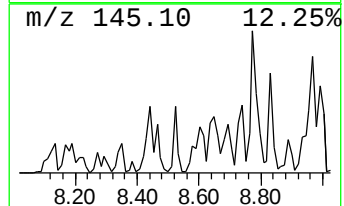
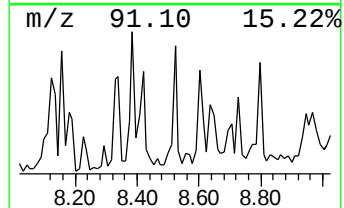
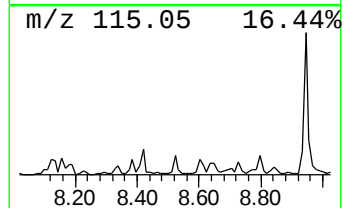
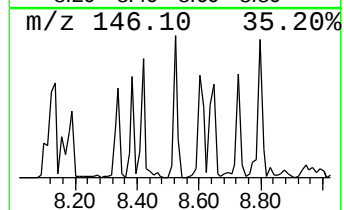
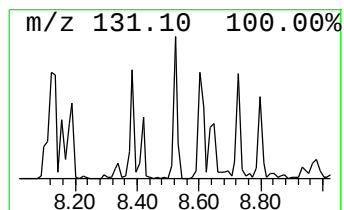
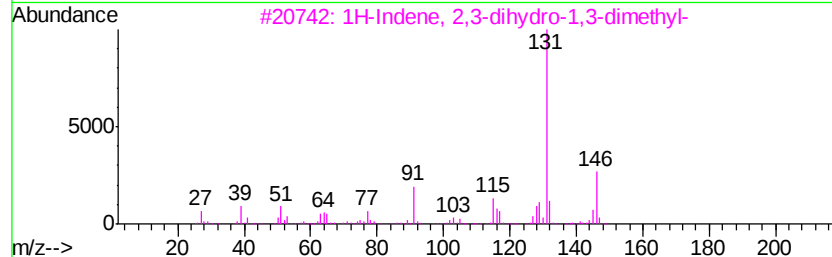
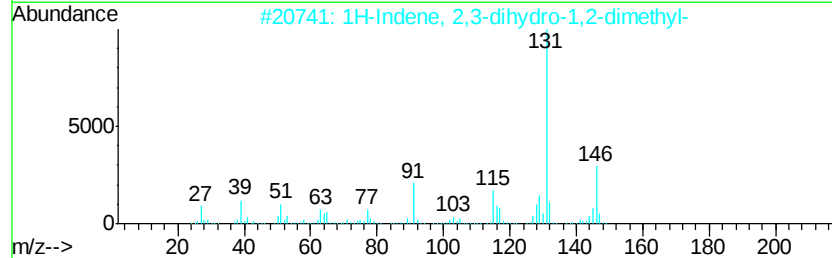
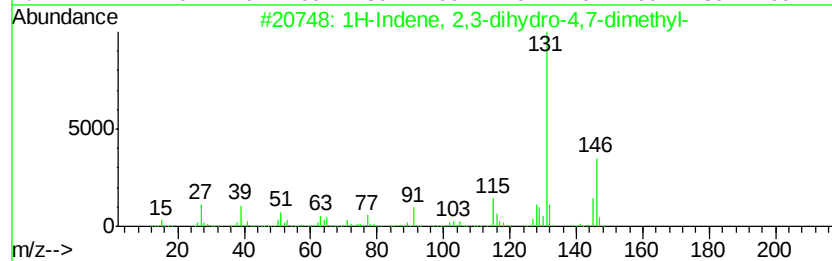
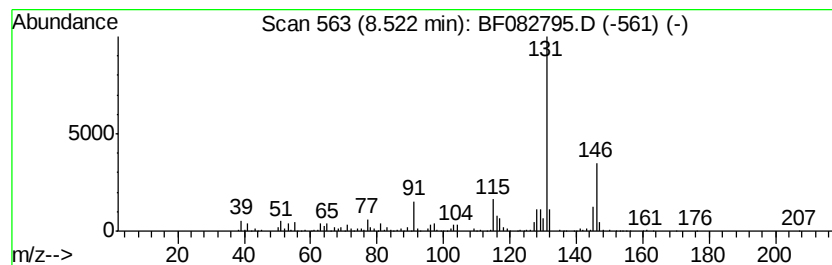
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	6.94 ng	1014920	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
3		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
5		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082795.D
Acq On : 7 Nov 2015 7:40
Operator : UM/IZ
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Misc :
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Instrument :
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ClientSampleId :
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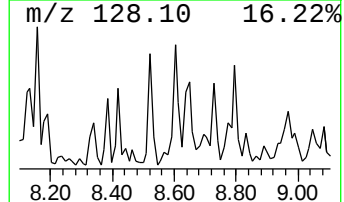
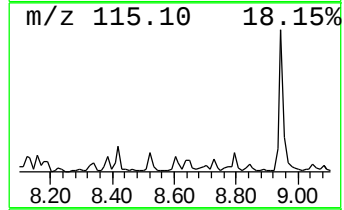
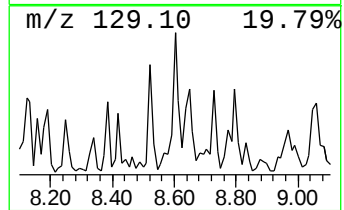
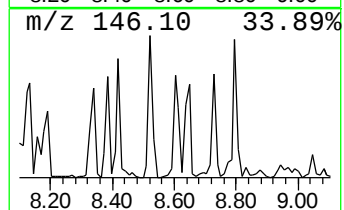
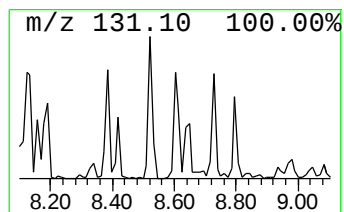
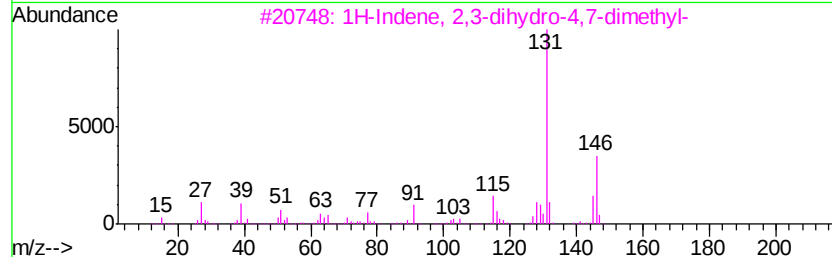
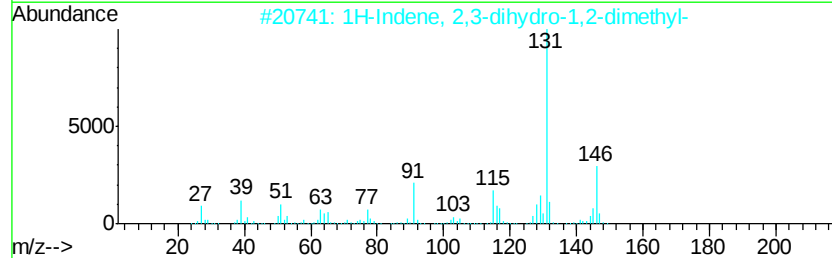
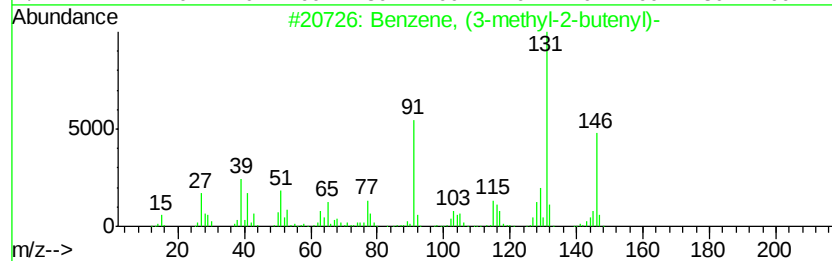
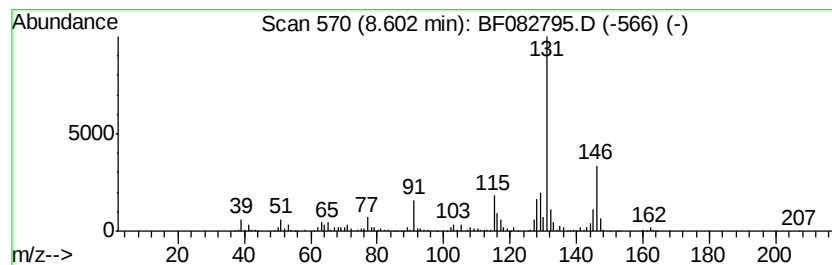
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, (3-methyl-2-butenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	6.88 ng	1005040	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082795.D
Acq On : 7 Nov 2015 7:40
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ClientSampleId :
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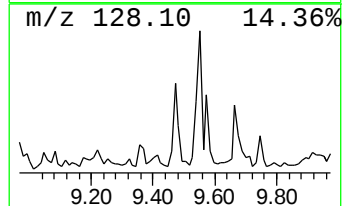
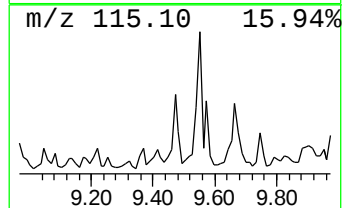
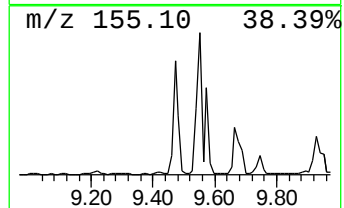
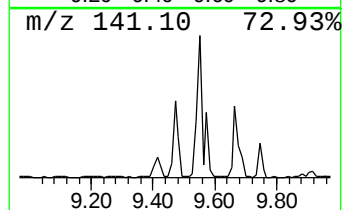
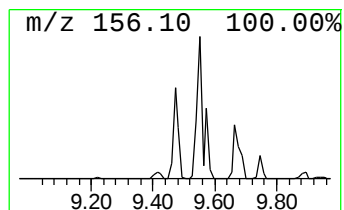
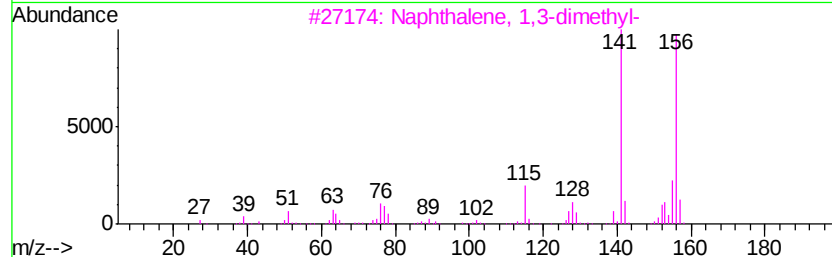
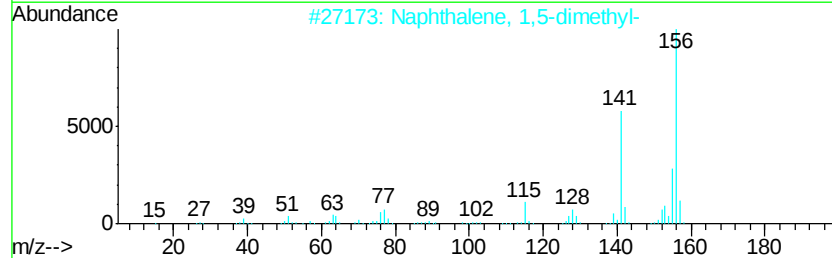
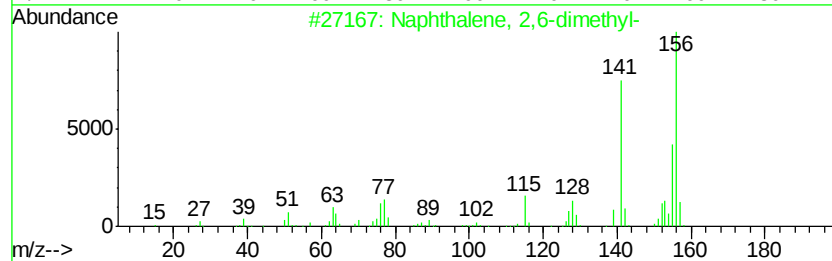
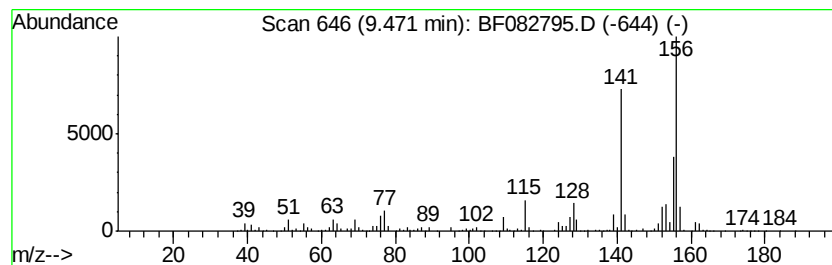
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	10.56 ng	1792060	Acenaphthene-d10	9.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082795.D
Acq On : 7 Nov 2015 7:40
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ClientSampleId :
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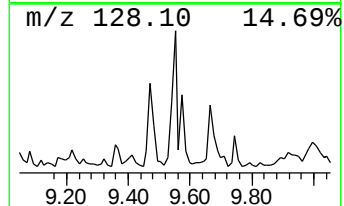
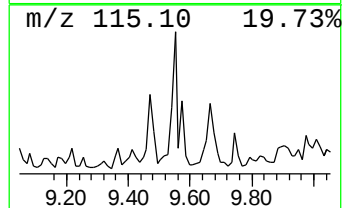
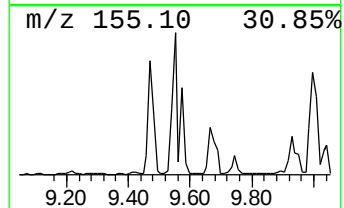
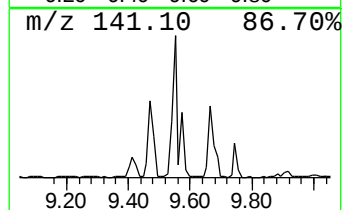
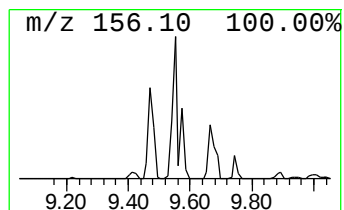
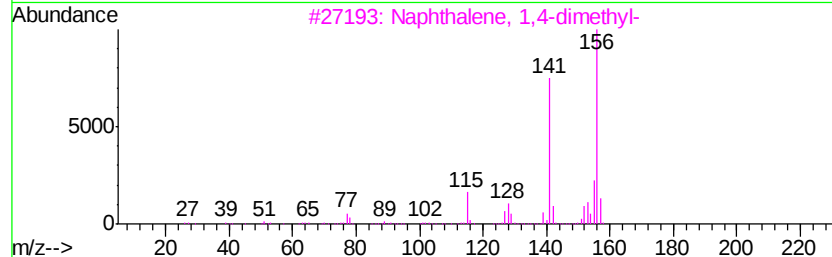
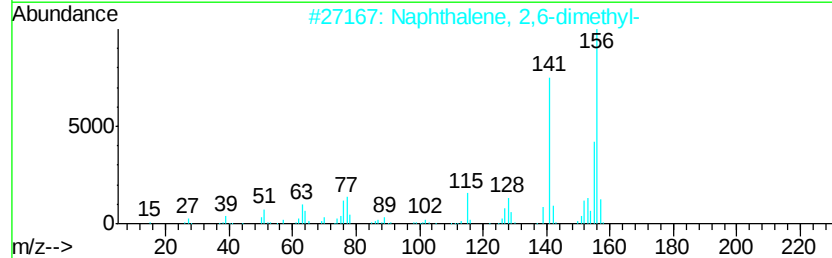
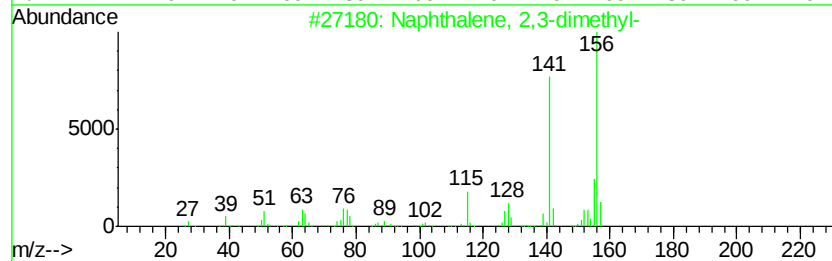
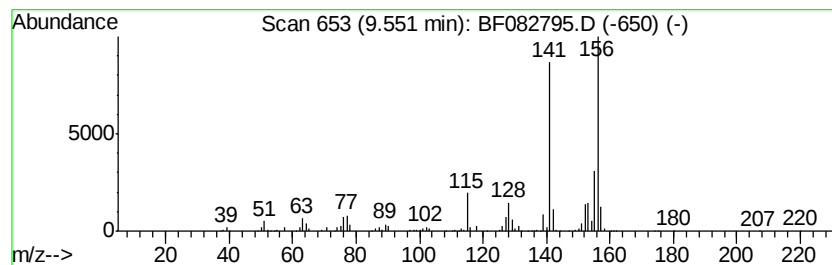
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	13.94 ng	2365030	Acenaphthene-d10	9.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082795.D
Acq On : 7 Nov 2015 7:40
Operator : UM/IZ
Sample : G4259-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-02-110315

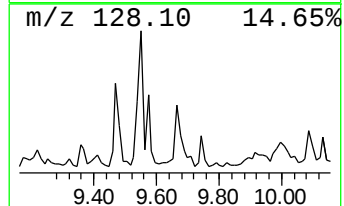
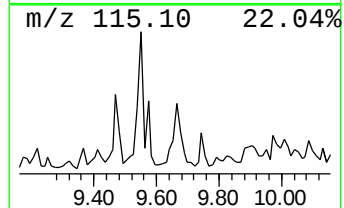
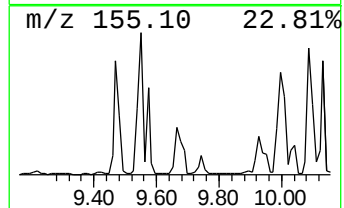
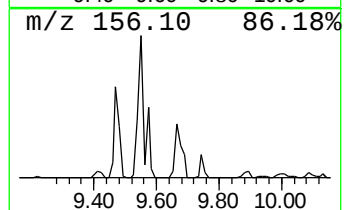
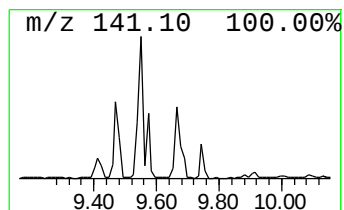
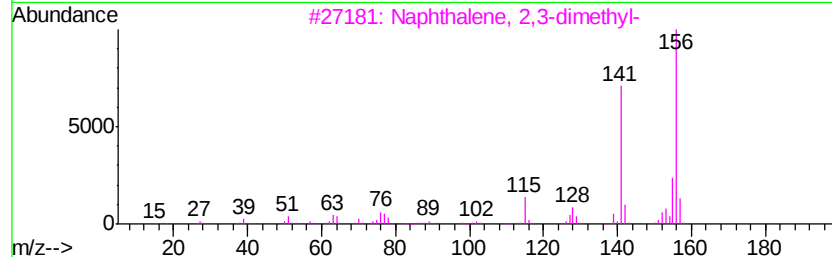
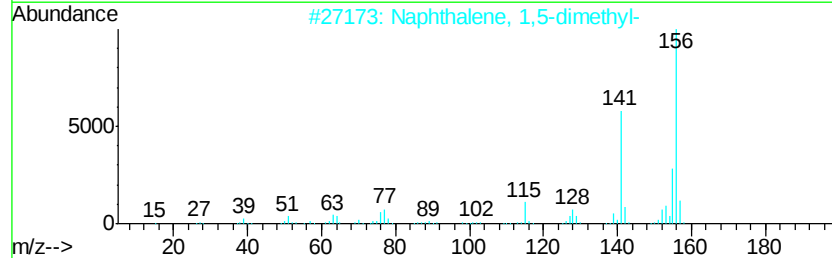
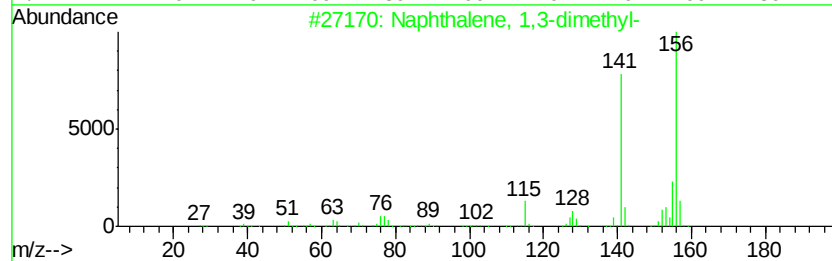
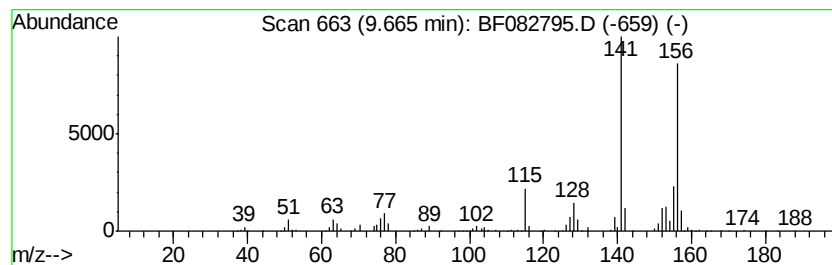
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	8.20 ng	1391670	Acenaphthene-d10	9.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082795.D
Acq On : 7 Nov 2015 7:40
Operator : UM/IZ
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ClientSampleId :
MW-02-110315

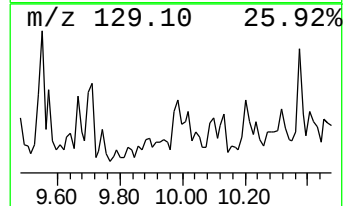
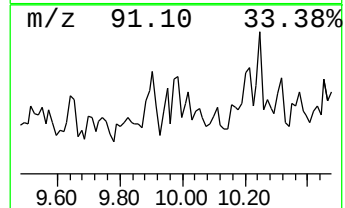
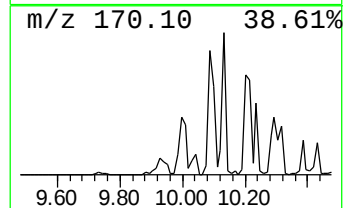
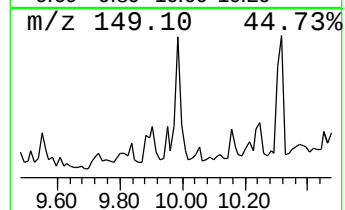
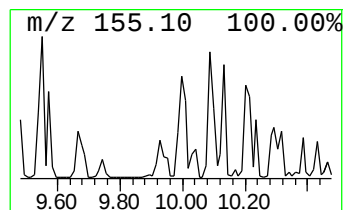
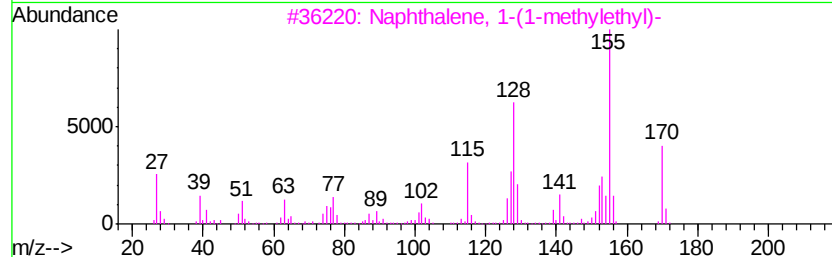
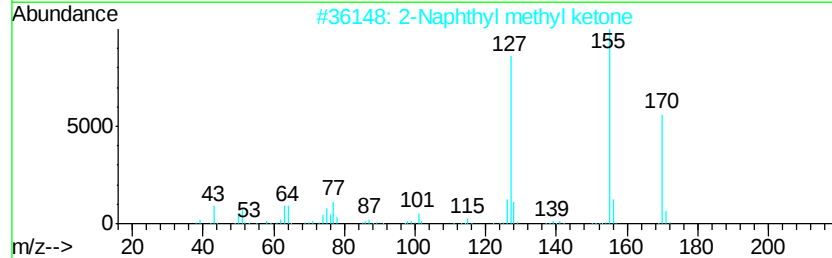
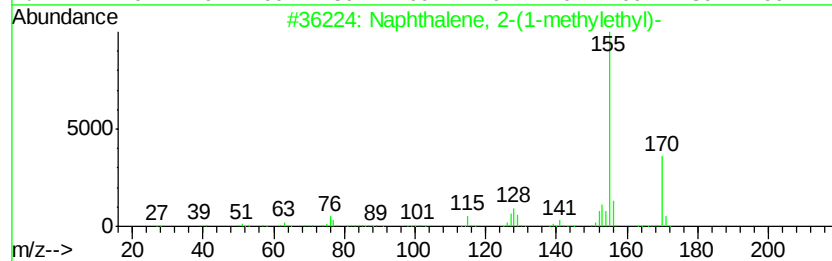
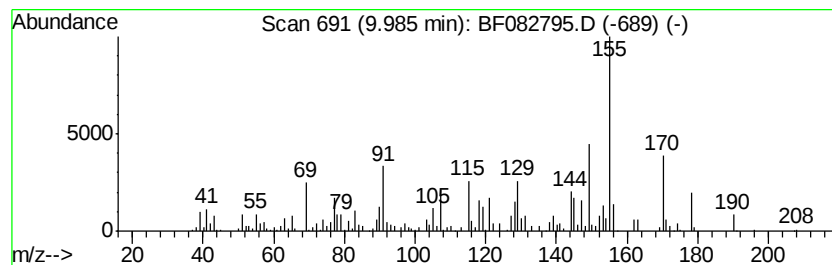
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-(1-methyleth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	5.85 ng	991927	Acenaphthene-d10	9.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	86
2			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	38
3			Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	37
4			Phenol, 4-chloro-2-(1-methylethyl)-	170	C9H11ClO	054461-05-1	35
5			1'-Acetonaphthone	170	C12H10O	000941-98-0	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082795.D
Acq On : 7 Nov 2015 7:40
Operator : UM/IZ
Sample : G4259-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

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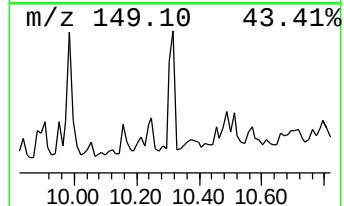
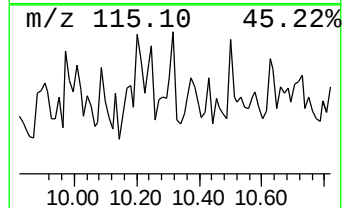
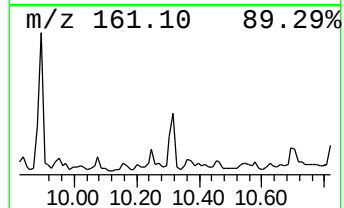
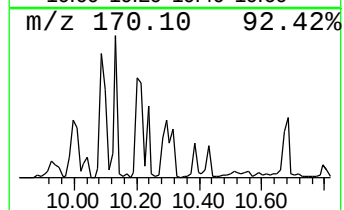
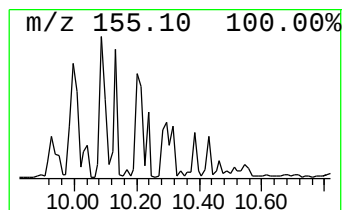
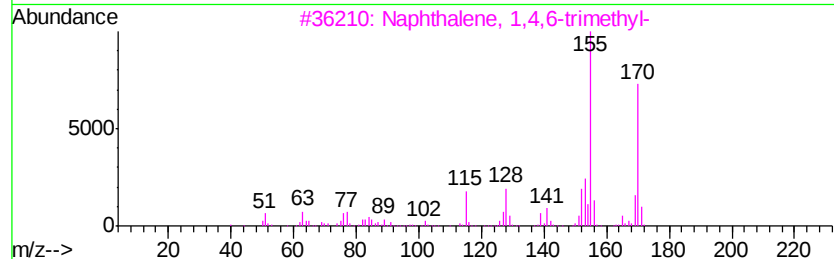
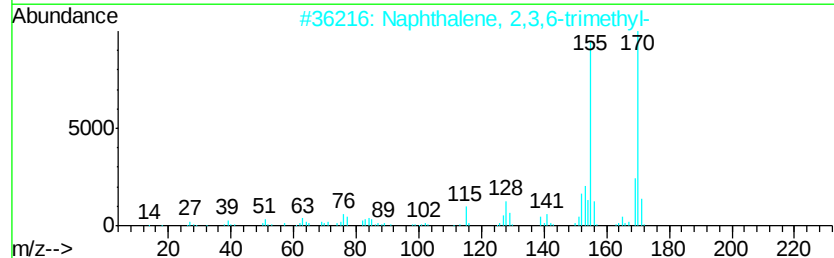
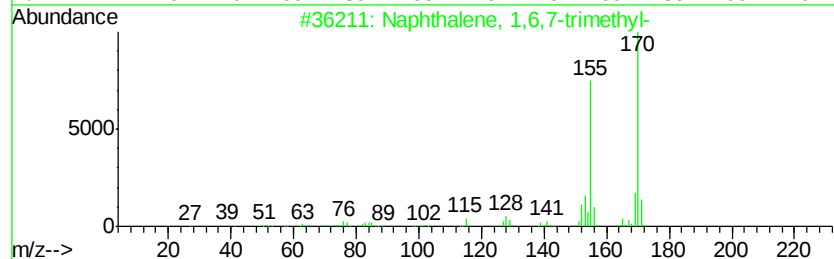
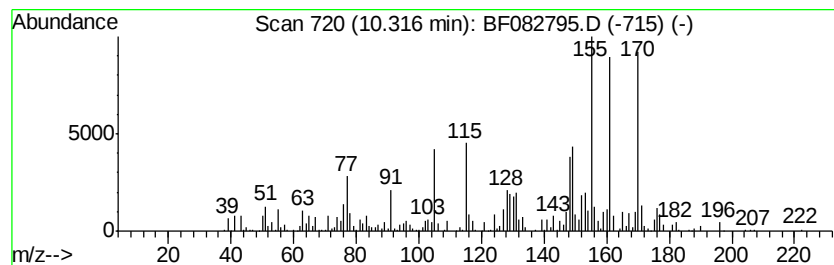
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	6.29 ng	1067610	Acenaphthene-d10	9.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	62
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	60
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	50
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082795.D
Acq On : 7 Nov 2015 7:40
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Misc :
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ClientSampleId :
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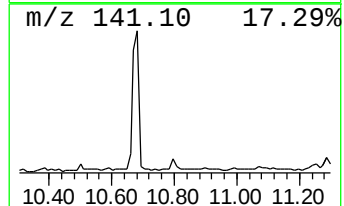
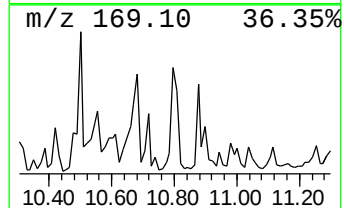
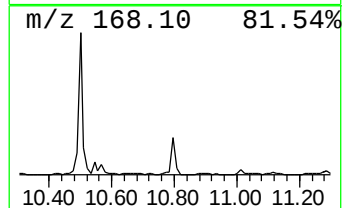
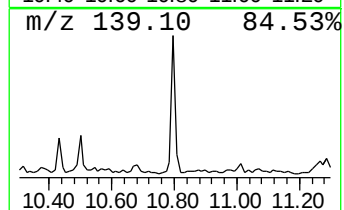
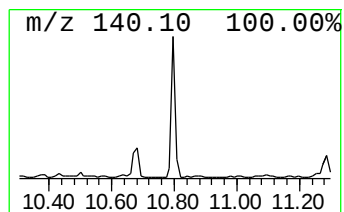
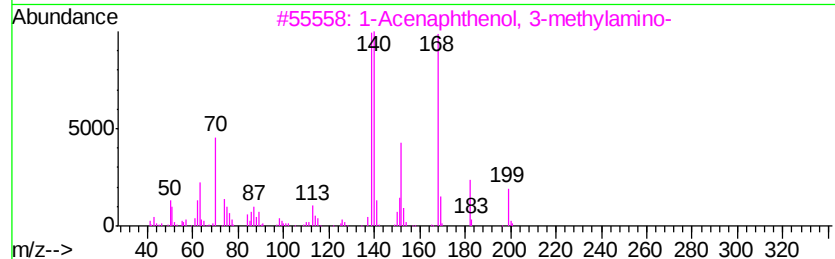
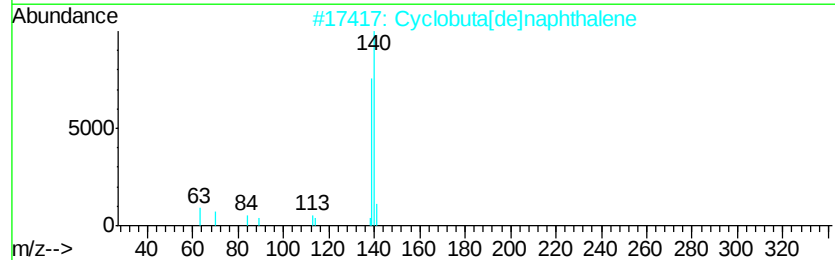
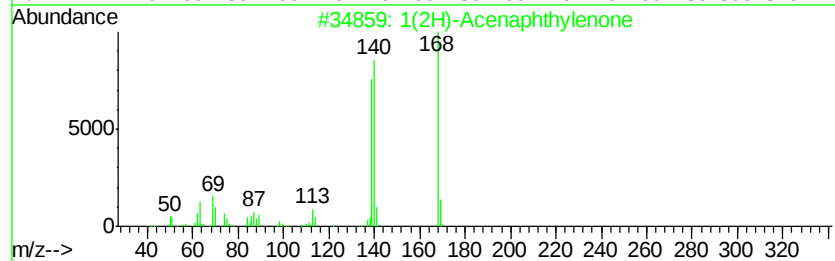
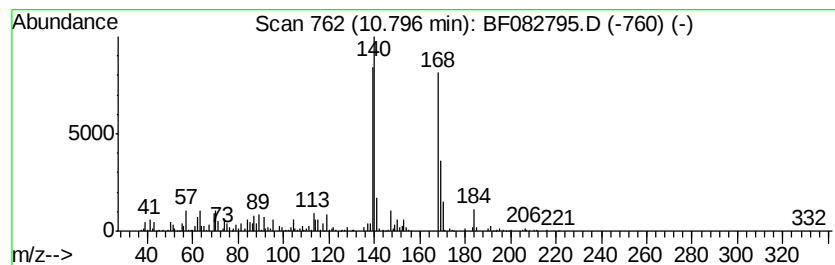
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1(2H)-Acenaphthylenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	6.50 ng	740155	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	91
2			Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	49
3			1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	47
4			Dibenzofuran	168	C12H8O	000132-64-9	37
5			Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082795.D
Acq On : 7 Nov 2015 7:40
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ClientSampleId :
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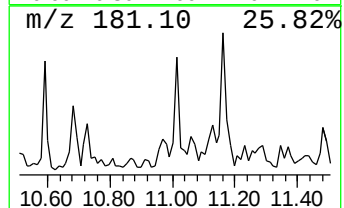
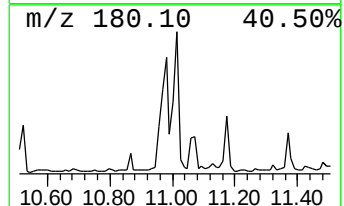
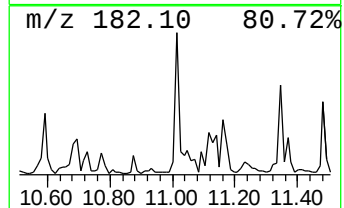
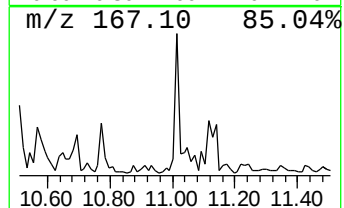
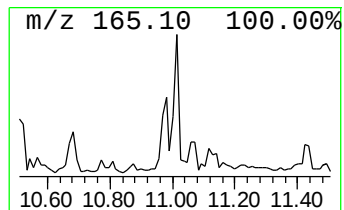
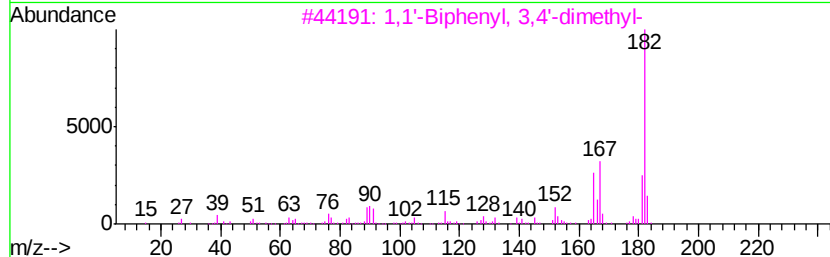
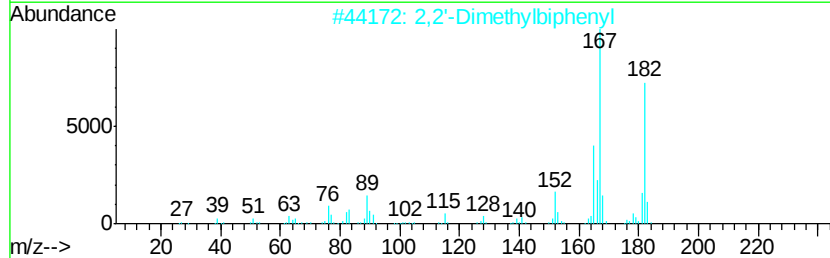
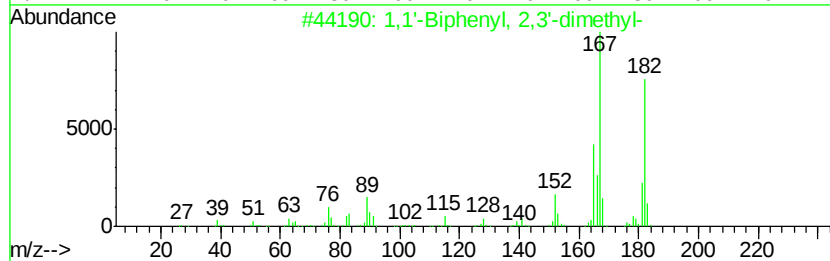
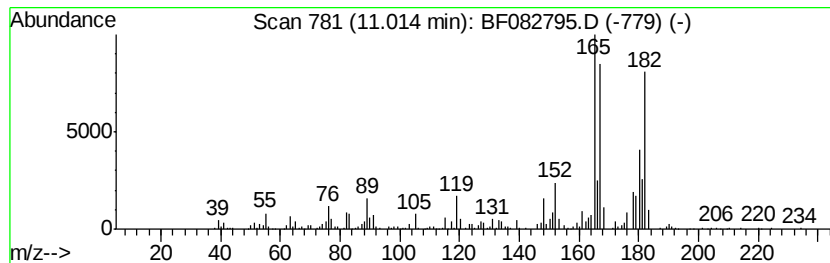
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2,3'-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	5.91 ng	673098	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	60
2			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	60
3			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	58
4			Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	53
5			Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
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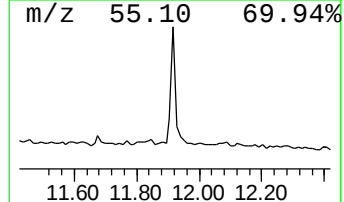
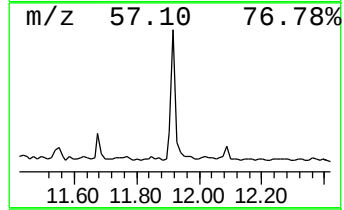
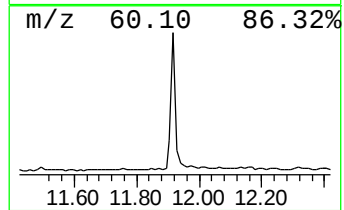
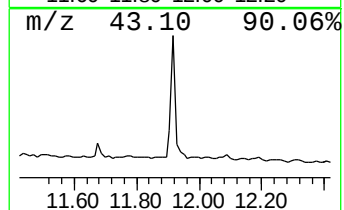
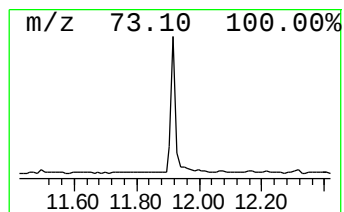
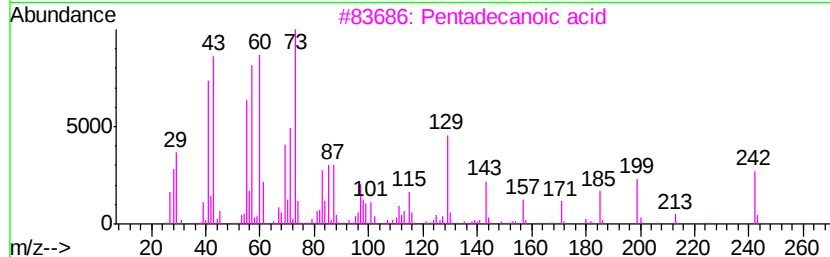
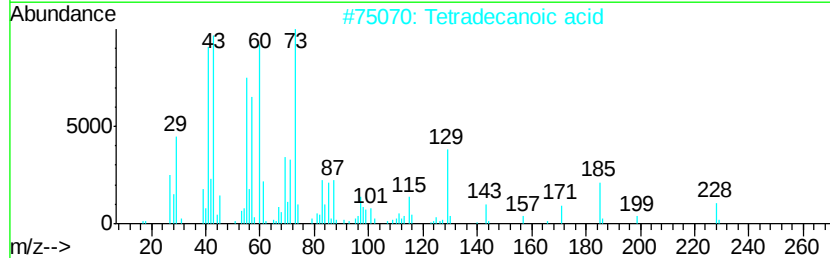
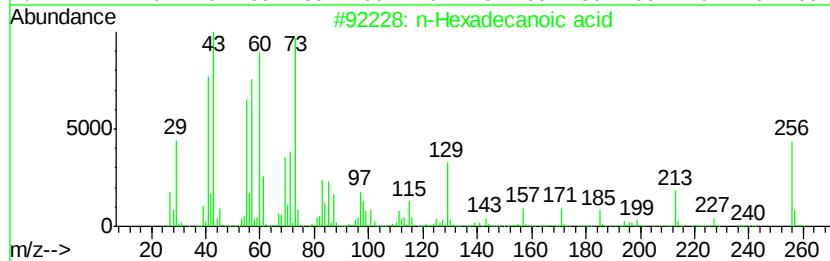
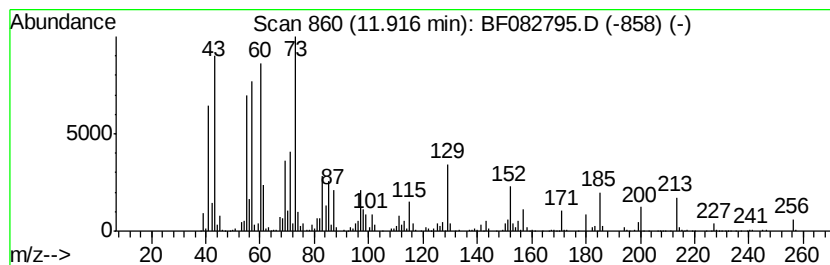
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	8.99 ng	1024340	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4			Dodecanoic acid	200	C12H24O2	000143-07-7	46
5			Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082795.D
Acq On : 7 Nov 2015 7:40
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Misc :
ALS Vial : 33 Sample Multiplier: 1

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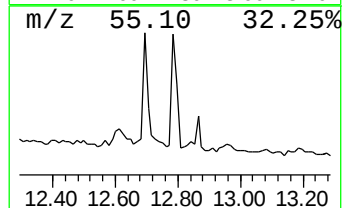
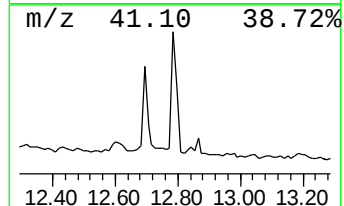
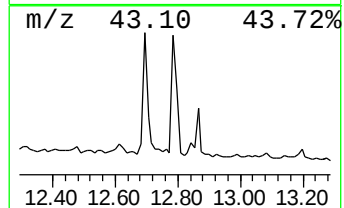
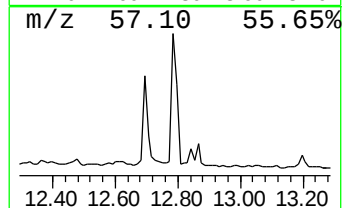
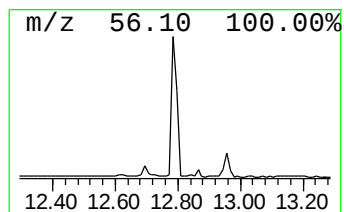
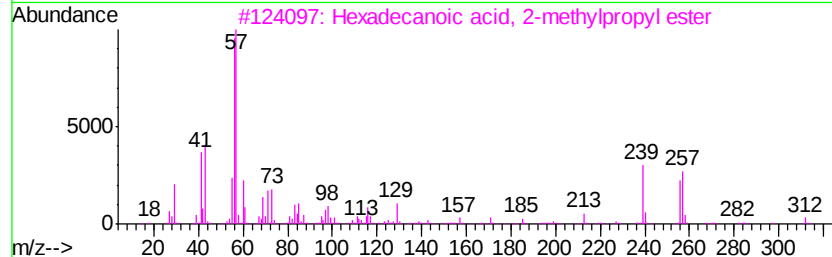
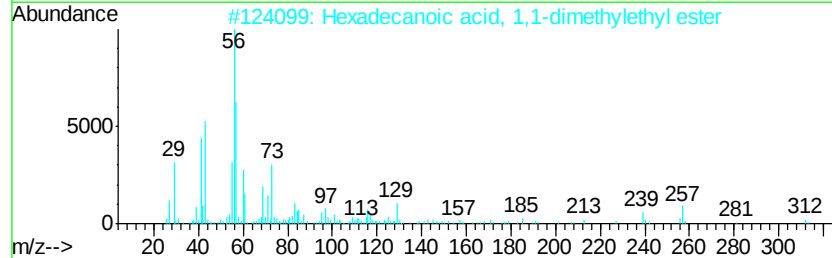
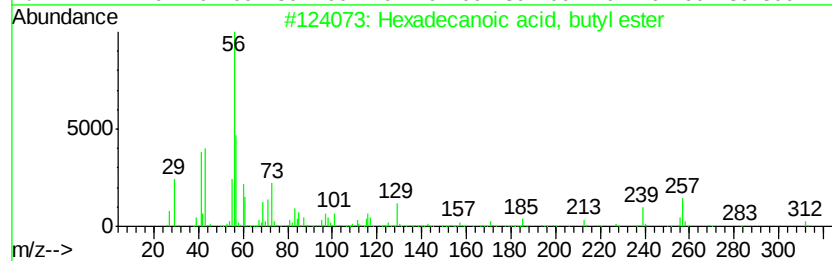
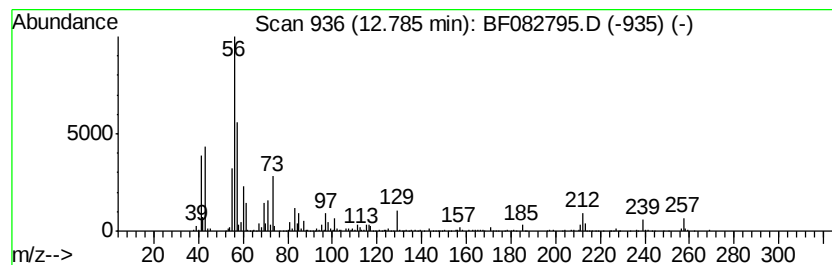
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecanoic acid, butyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	7.10 ng	743149	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	83
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	45
4		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
5		Oxan-4-one, 2-trifluoromethyl-2-...	212	C8H11F3O3	212615-80-0	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082795.D
Acq On : 7 Nov 2015 7:40
Operator : UM/IZ
Sample : G4259-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

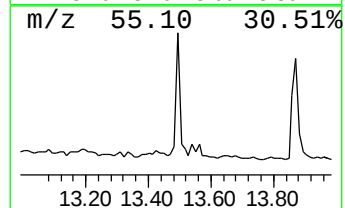
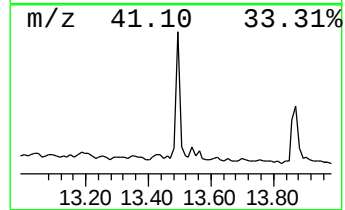
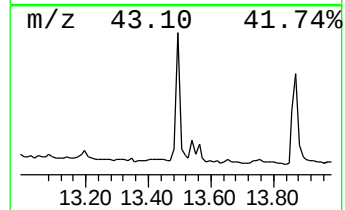
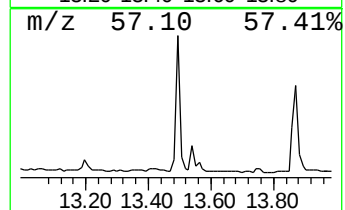
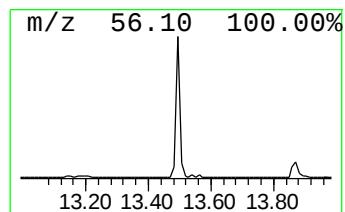
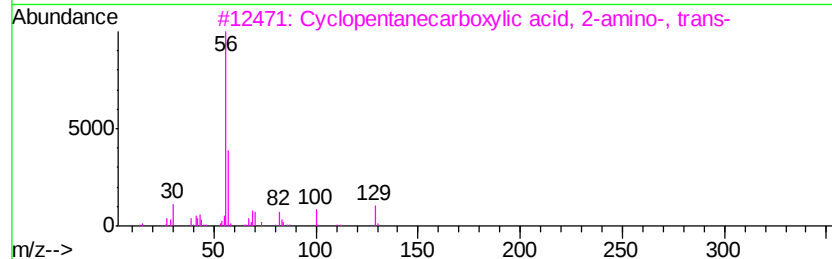
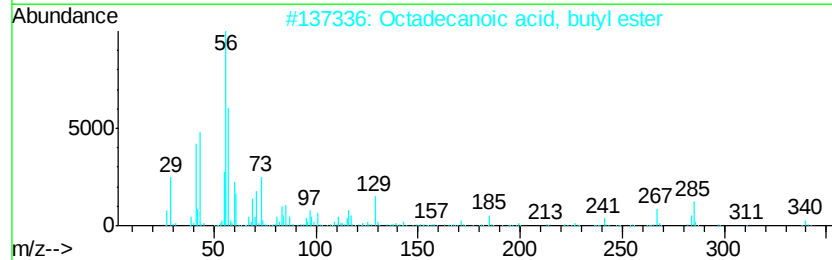
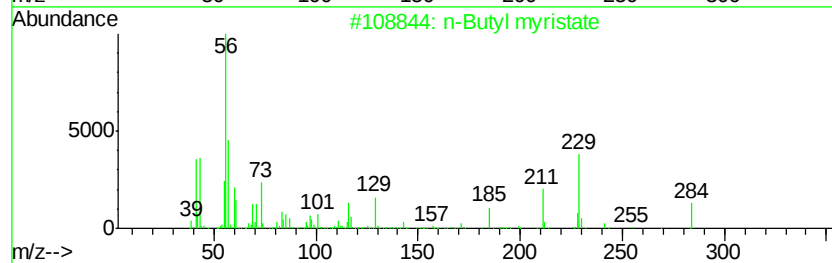
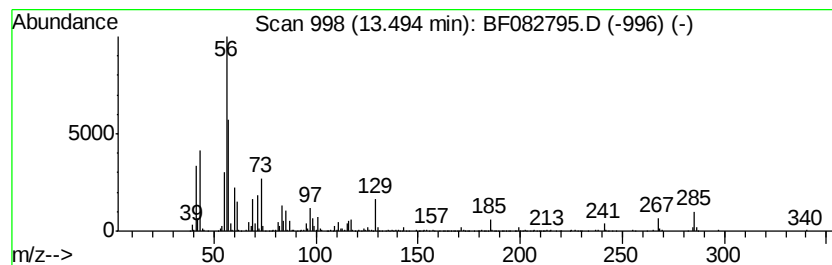
Instrument :
BNA_F
ClientSampleId :
MW-02-110315

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Butyl myristate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.49	6.04 ng	632300	Chrysene-d12	14.01		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyl myristate	284	C18H36O2	000110-36-1	86	
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	49	
3	Cyclopentanecarboxylic acid, 2-amino-, trans-	129	C6H11NO2	040482-05-1	43	
4	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37	
5	1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	37	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082795.D
 Acq On : 7 Nov 2015 7:40
 Operator : UM/IZ
 Sample : G4259-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-110315

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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
2-Pentanone, 4-hy...	5.02	18.6	ng	1404140	1	6.84	1509030	20.0
unknown6.61	6.61	73.1	ng	5518290	1	6.84	1509030	20.0
Benzene, 1,3-diet...	7.10	6.0	ng	450709	1	6.84	1509030	20.0
Benzene, 1,2,3,4-...	7.63	7.2	ng	1053190	2	8.13	2923340	20.0
3-Phenylbut-1-ene	7.81	7.1	ng	1043360	2	8.13	2923340	20.0
Benzene, 2-etheny...	7.87	18.0	ng	2636950	2	8.13	2923340	20.0
1H-Indene, 2,3-di...	8.52	6.9	ng	1014920	2	8.13	2923340	20.0
Benzene, (3-methy...	8.60	6.9	ng	1005040	2	8.13	2923340	20.0
Naphthalene, 2,6-...	9.47	10.6	ng	1792060	3	9.89	3393680	20.0
Naphthalene, 2,3-...	9.55	13.9	ng	2365030	3	9.89	3393680	20.0
Naphthalene, 1,3-...	9.66	8.2	ng	1391670	3	9.89	3393680	20.0
Naphthalene, 2-(1...	9.98	5.8	ng	991927	3	9.89	3393680	20.0
Naphthalene, 1,6,...	10.32	6.3	ng	1067610	3	9.89	3393680	20.0
1(2H)-Acenaphthyl...	10.80	6.5	ng	740155	4	11.37	2278380	20.0
1,1'-Biphenyl, 2,...	11.01	5.9	ng	673098	4	11.37	2278380	20.0
n-Hexadecanoic acid	11.92	9.0	ng	1024340	4	11.37	2278380	20.0
Hexadecanoic acid...	12.79	7.1	ng	743149	5	14.01	2092390	20.0
n-Butyl myristate	13.49	6.0	ng	632300	5	14.01	2092390	20.0