

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083940.D
 Acq On : 19 Dec 2015 4:16
 Operator : UM/SJ
 Sample : G4840-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-40

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-BF121815.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	5.047	257	259	263	rBV	133585	173775	7.39%	0.485%
2	5.481	295	297	299	rBV	1016804	991463	42.15%	2.764%
3	6.030	342	345	347	rBV	78468	72455	3.08%	0.202%
4	6.327	368	371	373	rVB	73923	90070	3.83%	0.251%
5	6.510	385	387	389	rBV	587060	608643	25.87%	1.697%
6	6.636	395	398	400	rBV	1652771	1532108	65.13%	4.272%
7	6.819	410	414	416	rBV2	73719	106561	4.53%	0.297%
8	6.864	416	418	420	rBV	524714	431931	18.36%	1.204%
9	6.922	420	423	429	rVB	11706	27843	1.18%	0.078%
10	7.024	429	432	433	rBV	1805590	1644998	69.93%	4.587%
11	7.047	433	434	436	rVB	255877	187048	7.95%	0.522%
12	7.116	438	440	443	rBV	205183	179093	7.61%	0.499%
13	7.184	444	446	450	rBV2	119129	250157	10.63%	0.697%
14	7.264	450	453	455	rBV2	19781	25370	1.08%	0.071%
15	7.333	457	459	462	rBV	30855	29009	1.23%	0.081%
16	7.436	463	468	471	rBV3	1151380	2098395	89.20%	5.851%
17	7.516	473	475	476	rBV	122910	106833	4.54%	0.298%
18	7.562	476	479	480	rBV	108494	138467	5.89%	0.386%
19	7.642	482	486	487	rBV	475300	423158	17.99%	1.180%
20	7.664	487	488	492	rVB	82278	80935	3.44%	0.226%
21	7.756	494	496	498	rBV	82133	86042	3.66%	0.240%
22	7.802	498	500	506	rVB3	174086	382096	16.24%	1.065%
23	7.893	506	508	510	rBV	1021191	985785	41.91%	2.749%
24	7.927	510	511	512	rVB	112026	76850	3.27%	0.214%
25	7.996	512	517	518	rBV2	304139	504618	21.45%	1.407%
26	8.019	518	519	521	rVB	85226	84384	3.59%	0.235%
27	8.099	524	526	527	rBV2	41804	76626	3.26%	0.214%
28	8.145	528	530	531	rBV	622717	742194	31.55%	2.069%
29	8.247	537	539	540	rVB2	80332	89161	3.79%	0.249%
30	8.282	540	542	543	rBV2	68867	71971	3.06%	0.201%
31	8.305	543	544	546	rVV	78379	92443	3.93%	0.258%
32	8.350	546	548	550	rVB	185614	170771	7.26%	0.476%
33	8.396	550	552	553	rBV	168204	167826	7.13%	0.468%
34	8.430	553	555	558	rVB3	106123	172992	7.35%	0.482%

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35	8.533	563	564	568	rVB3	135435	141548	6.02%	0.395%
36	8.625	568	572	573	rBV	175735	205117	8.72%	0.572%
37	8.659	573	575	577	rVV	404365	388304	16.51%	1.083%
38	8.716	577	580	581	rVV2	78730	92385	3.93%	0.258%
39	8.739	581	582	584	rVB2	74860	78675	3.34%	0.219%
40	8.807	584	588	590	rBV2	295987	508974	21.64%	1.419%
41	8.865	590	593	595	rVV	1092699	966035	41.07%	2.694%
42	8.910	595	597	599	rVV2	90824	127438	5.42%	0.355%
43	8.967	599	602	604	rVV	879318	1018268	43.29%	2.839%
44	9.013	604	606	607	rVV2	73020	112286	4.77%	0.313%
45	9.059	607	610	612	rVV3	178813	271986	11.56%	0.758%
46	9.093	612	613	616	rVV2	91814	177422	7.54%	0.495%
47	9.162	616	619	621	rVV2	126127	191317	8.13%	0.533%
48	9.230	623	625	627	rVV	2271623	2092649	88.96%	5.835%
49	9.322	630	633	634	rBV2	54955	75255	3.20%	0.210%
50	9.345	634	635	637	rVV2	33348	50999	2.17%	0.142%
51	9.379	637	638	640	rVV2	46230	82593	3.51%	0.230%
52	9.425	640	642	644	rVB	133164	166054	7.06%	0.463%
53	9.493	644	648	650	rBV2	360343	653359	27.77%	1.822%
54	9.562	650	654	656	rVV	508202	942099	40.05%	2.627%
55	9.596	656	657	660	rVV2	487816	553420	23.53%	1.543%
56	9.653	660	662	663	rVV2	55963	88232	3.75%	0.246%
57	9.688	663	665	669	rVB2	161942	340006	14.45%	0.948%
58	9.768	669	672	673	rBV	84752	93400	3.97%	0.260%
59	9.825	673	677	681	rBV4	232571	453637	19.28%	1.265%
60	9.905	681	684	686	rBV	709343	698645	29.70%	1.948%
61	9.939	686	687	689	rVB2	48347	55340	2.35%	0.154%
62	10.053	694	697	700	rVV2	260673	503064	21.39%	1.403%
63	10.110	700	702	703	rVV2	87560	127561	5.42%	0.356%
64	10.145	703	705	707	rVB2	48802	78012	3.32%	0.218%
65	10.202	707	710	711	rBV	273589	440888	18.74%	1.229%
66	10.236	711	713	715	rVV2	192421	309369	13.15%	0.863%
67	10.270	715	716	719	rVV2	117184	222180	9.44%	0.619%
68	10.453	723	732	734	rVV2	738579	2352365	100.00%	6.559%
69	10.488	734	735	736	rVV	142868	145907	6.20%	0.407%
70	10.522	736	738	739	rVV2	154179	209582	8.91%	0.584%
71	10.556	739	741	744	rVV	218592	250523	10.65%	0.699%

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72	10.636	744	748	749	rVV	223276	394116	16.75%	1.099%
73	10.693	751	753	755	rVV	1179648	1494075	63.51%	4.166%
74	10.739	755	757	758	rVV	321594	422344	17.95%	1.178%
75	10.773	758	760	762	rVV2	304316	504308	21.44%	1.406%
76	10.819	762	764	767	rVB2	220921	269582	11.46%	0.752%
77	10.910	769	772	775	rVB3	63258	118668	5.04%	0.331%
78	11.025	781	782	786	rVB4	45971	103063	4.38%	0.287%
79	11.093	786	788	792	rBV4	45508	91516	3.89%	0.255%
80	11.391	812	814	816	rBV	583374	538302	22.88%	1.501%
81	11.528	824	826	831	rVB5	27775	52286	2.22%	0.146%
82	11.596	831	832	835	rVB	32516	50953	2.17%	0.142%
83	11.653	835	837	841	rBV4	24154	60112	2.56%	0.168%
84	11.871	855	856	858	rBV2	17153	28376	1.21%	0.079%
85	11.928	858	861	868	rVB2	66408	132825	5.65%	0.370%
86	12.556	912	916	919	rBV4	16242	58992	2.51%	0.164%
87	12.751	931	933	936	rVB	27565	29827	1.27%	0.083%
88	12.979	950	953	955	rBV	1644439	2097582	89.17%	5.849%
89	13.436	986	993	997	rBV10	16133	79647	3.39%	0.222%
90	13.756	1019	1021	1026	rVV2	16372	32517	1.38%	0.091%
91	14.019	1042	1044	1047	rBV	377376	452657	19.24%	1.262%
92	14.419	1077	1079	1080	rBV2	15199	28343	1.20%	0.079%
93	14.751	1106	1108	1109	rBV2	13569	26724	1.14%	0.075%
94	14.957	1122	1126	1129	rBV6	12152	43480	1.85%	0.121%
95	15.117	1138	1140	1143	rBV3	15561	35755	1.52%	0.100%
96	15.460	1168	1170	1179	rVB	275735	419962	17.85%	1.171%
97	15.928	1208	1211	1213	rBV3	10394	27030	1.15%	0.075%
98	16.968	1299	1302	1306	rBV5	13266	45517	1.93%	0.127%
99	17.403	1338	1340	1342	rBV2	12165	27056	1.15%	0.075%
100	18.408	1422	1428	1429	rBV6	9763	32370	1.38%	0.090%

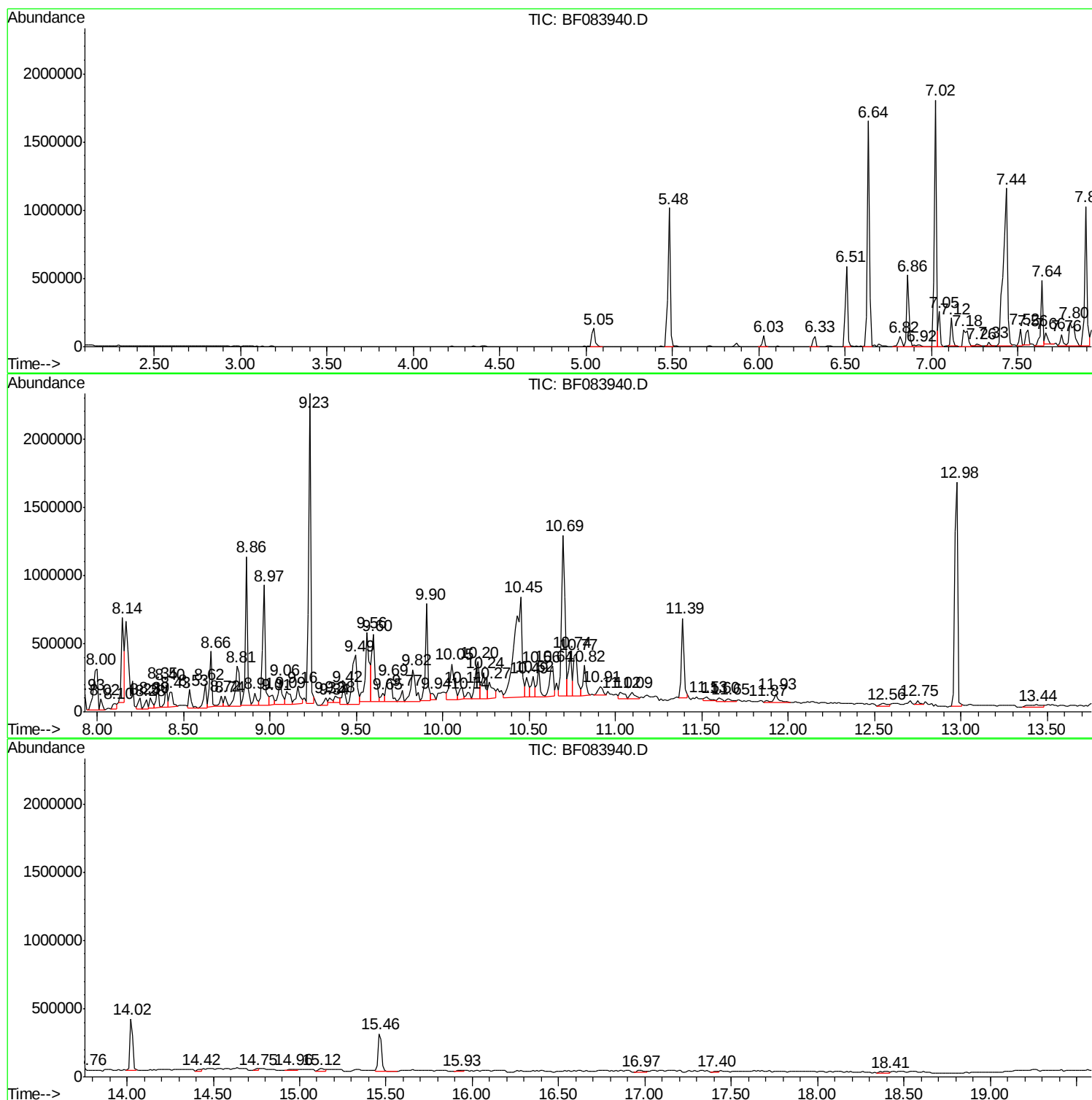
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TIC Library : C:\DATABASE\NIST02.L
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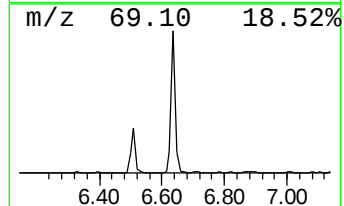
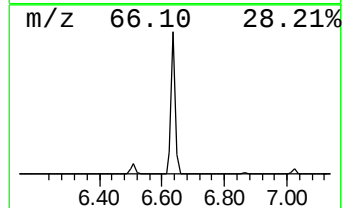
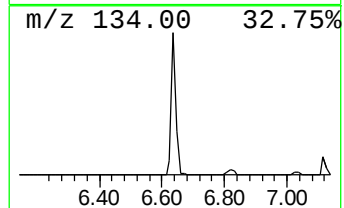
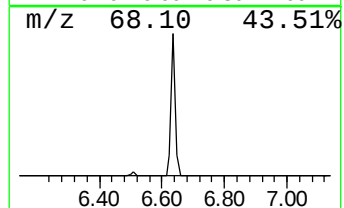
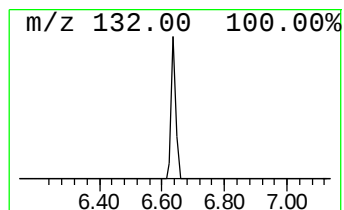
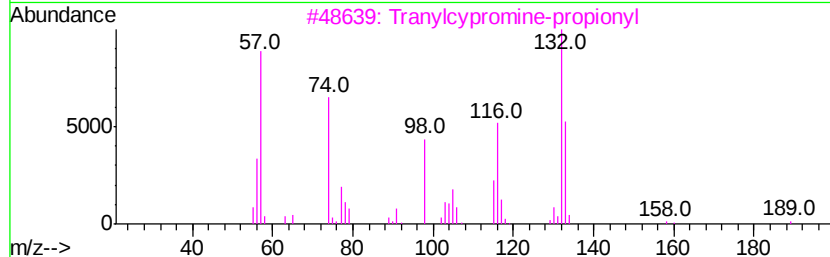
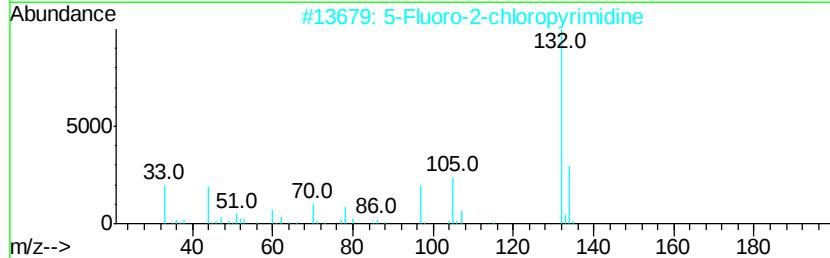
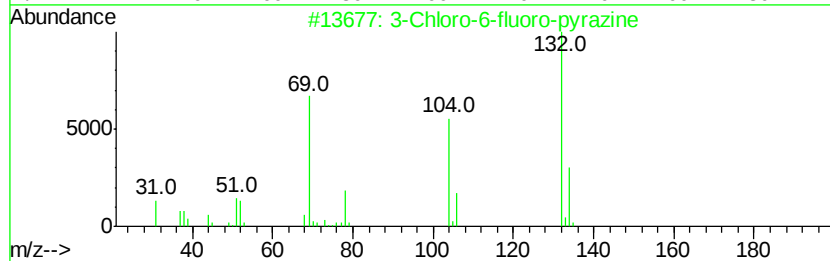
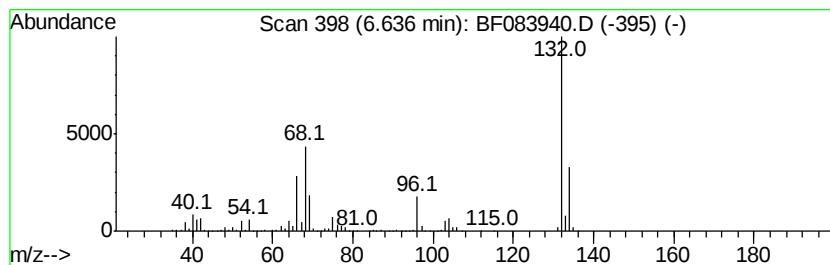
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	70.94 ng	1532110	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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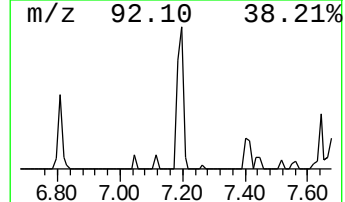
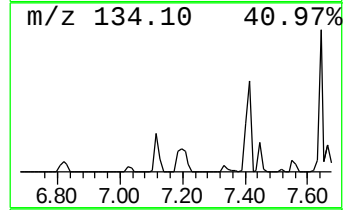
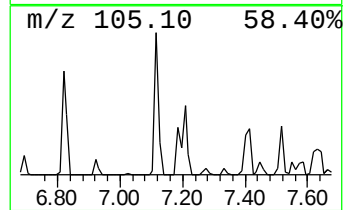
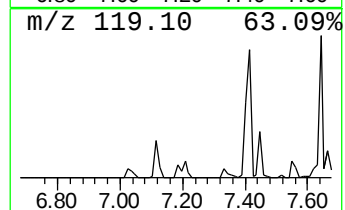
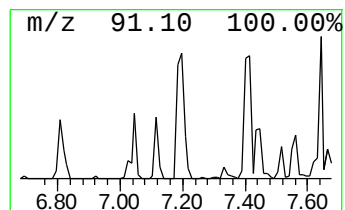
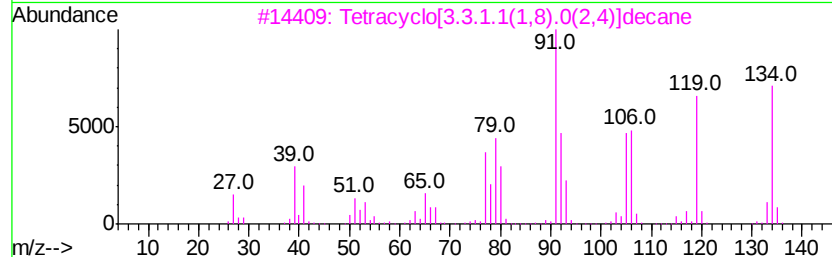
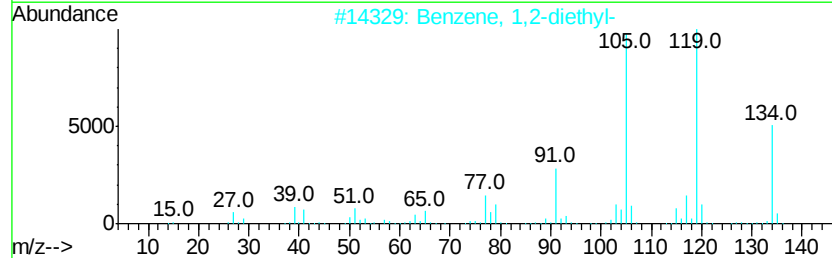
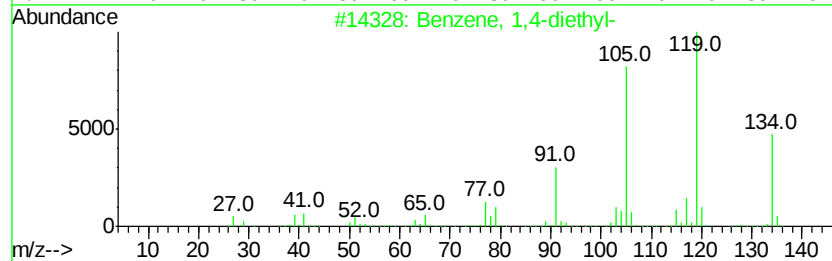
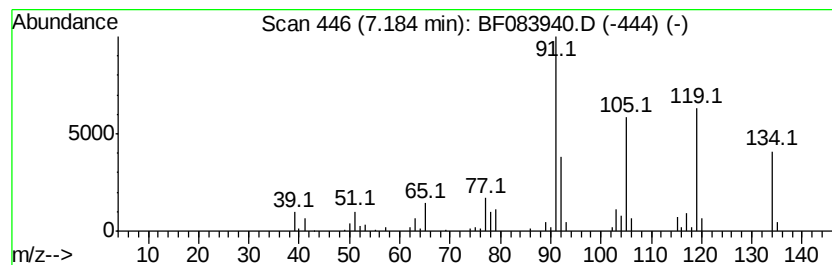
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,4-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	11.58 ng	250157	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3		Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	83
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81



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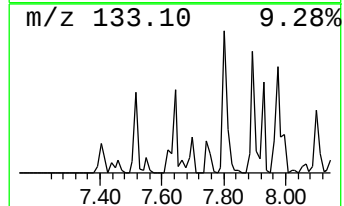
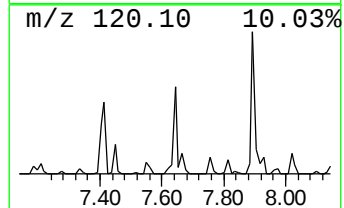
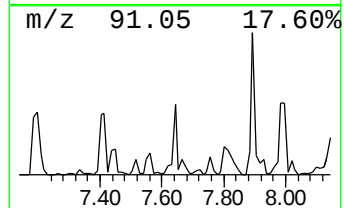
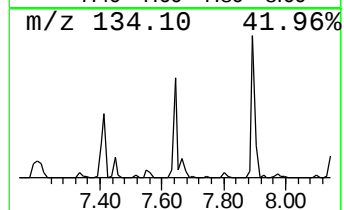
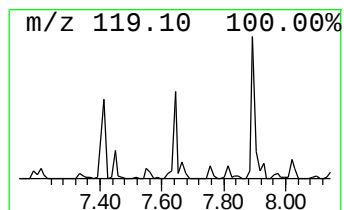
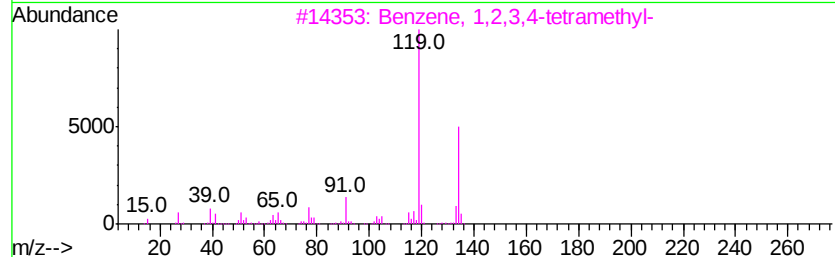
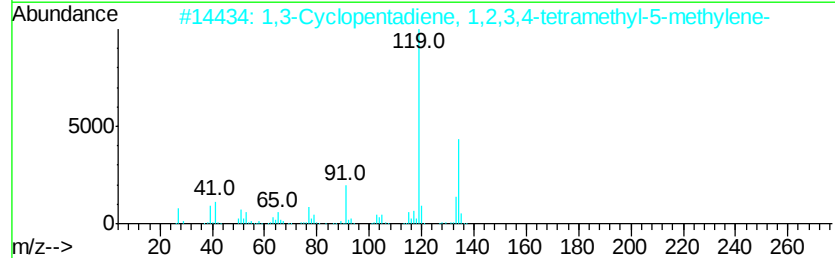
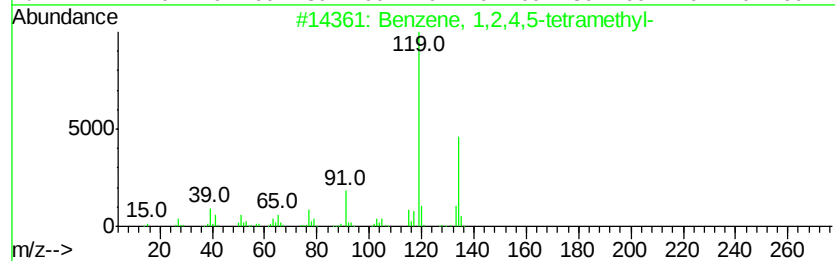
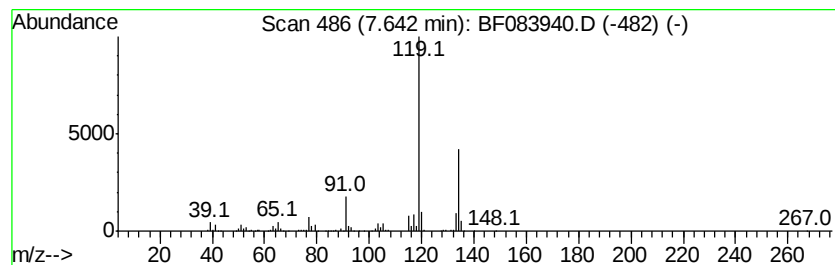
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	11.40 ng	423158	Naphthalene-d8	8.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97	
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97	
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95	
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94	
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083940.D
Acq On : 19 Dec 2015 4:16
Operator : UM/SJ
Sample : G4840-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-40

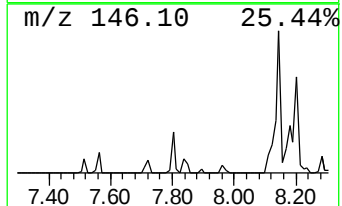
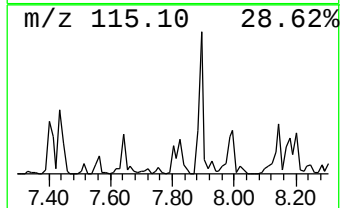
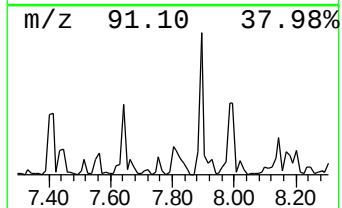
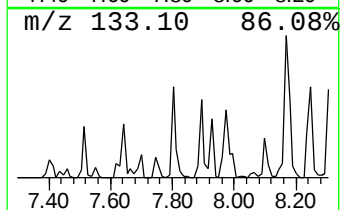
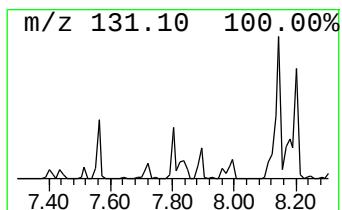
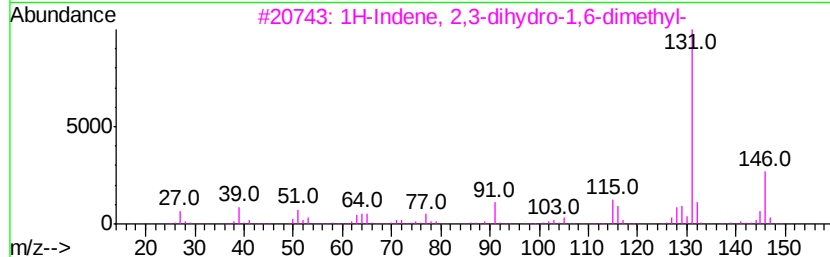
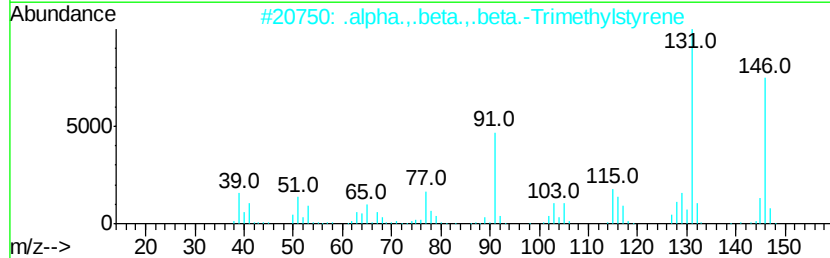
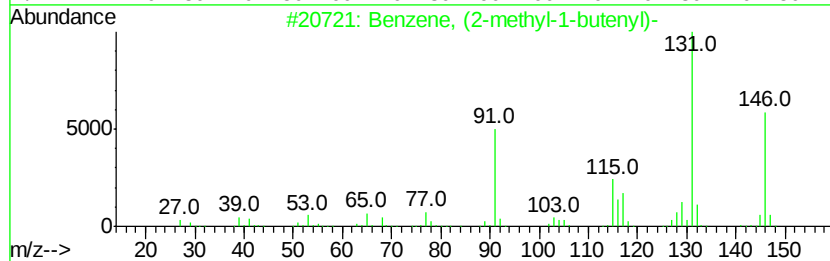
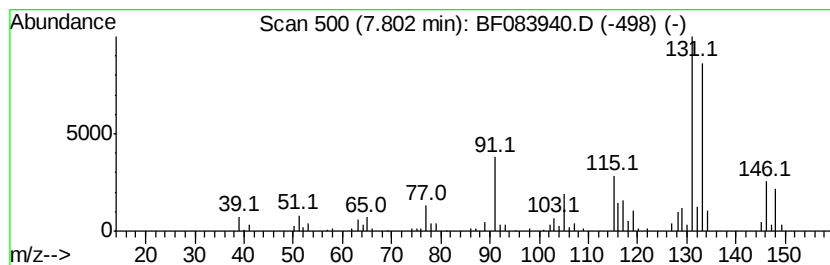
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, (2-methyl-1-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	10.30 ng	382096	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
2		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	64
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	50
4		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	50
5		1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083940.D
Acq On : 19 Dec 2015 4:16
Operator : UM/SJ
Sample : G4840-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-40

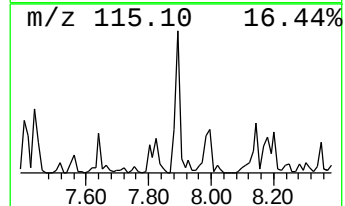
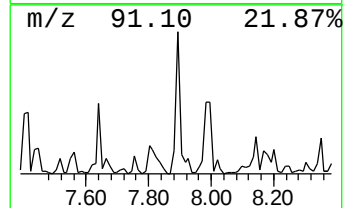
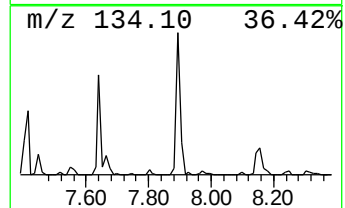
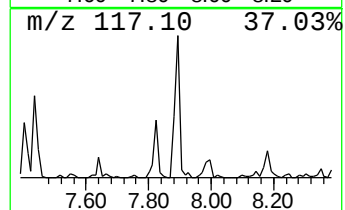
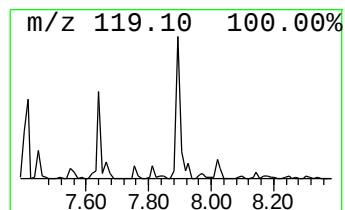
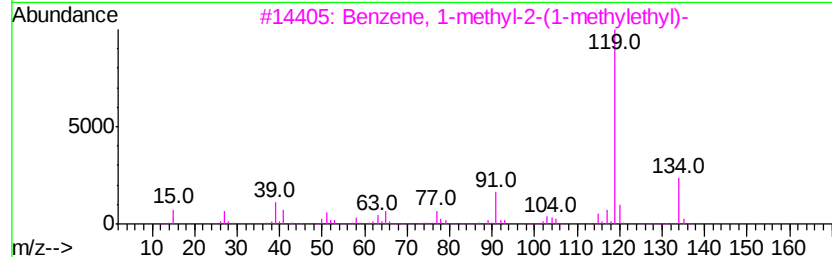
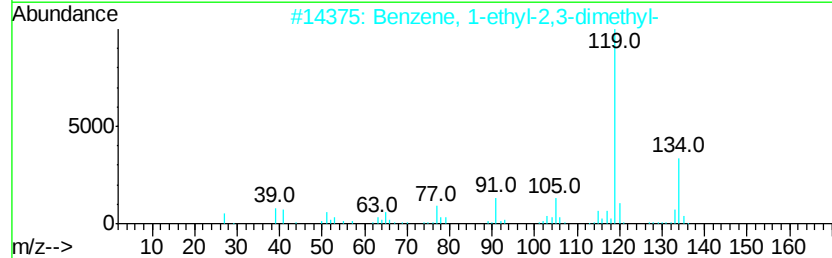
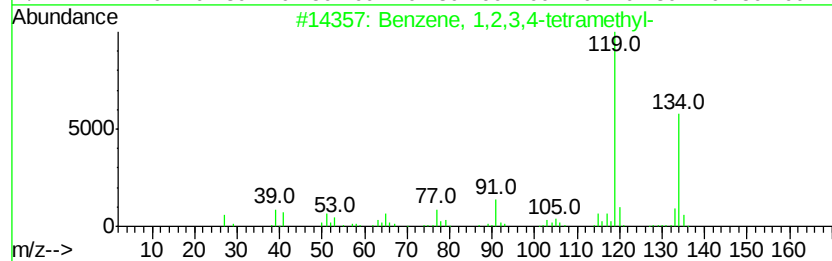
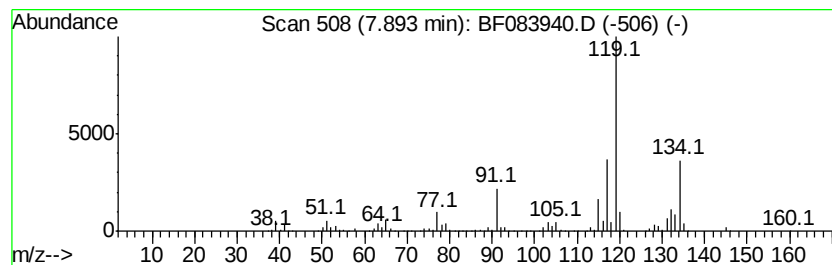
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	26.56 ng	985785	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	76
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
5		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083940.D
Acq On : 19 Dec 2015 4:16
Operator : UM/SJ
Sample : G4840-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-40

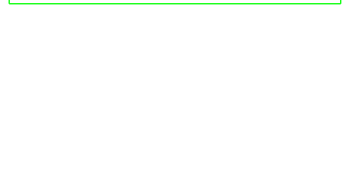
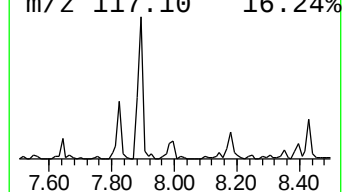
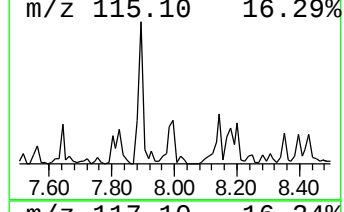
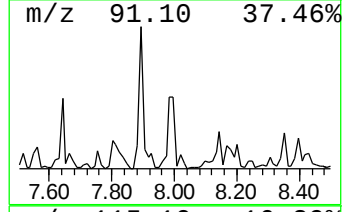
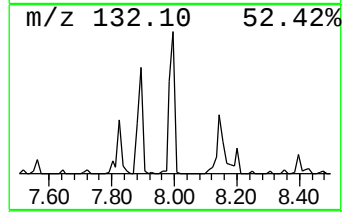
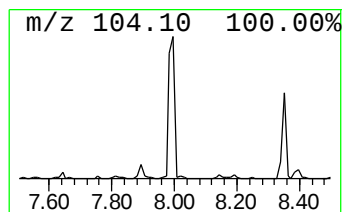
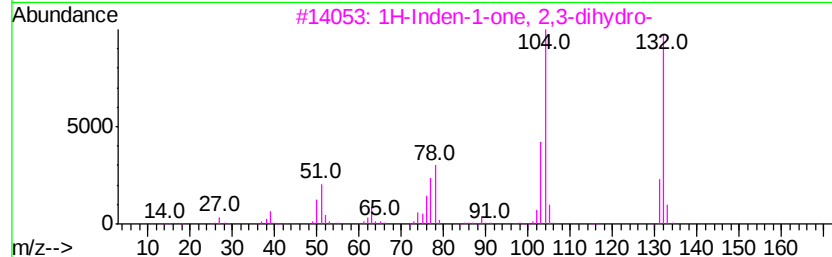
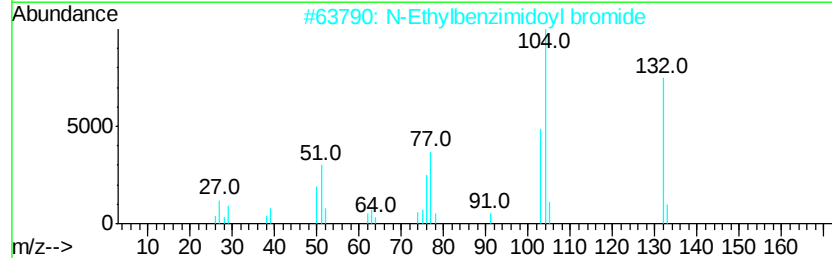
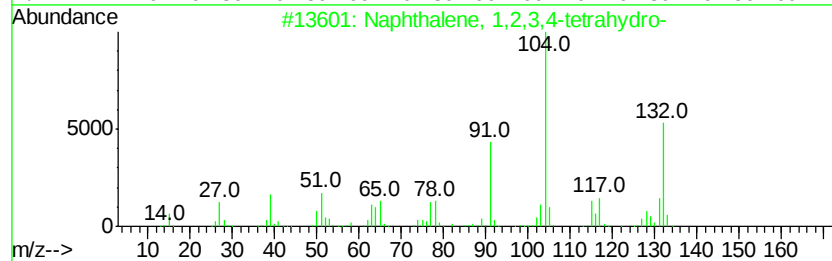
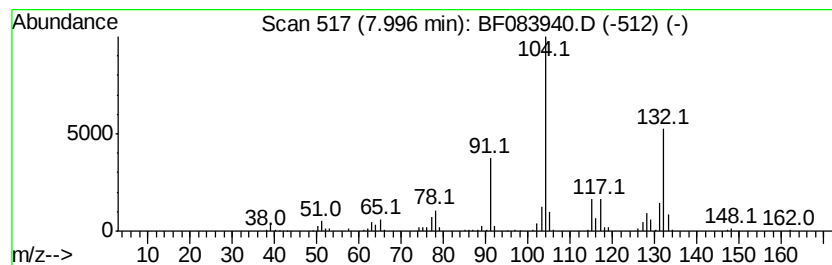
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	13.60 ng	504618	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2		N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	53
3		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	43
4		Acetic acid, trifluoro-, 2-phenyl...	218	C10H9F3O2	055419-66-4	38
5		Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083940.D
Acq On : 19 Dec 2015 4:16
Operator : UM/SJ
Sample : G4840-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-40

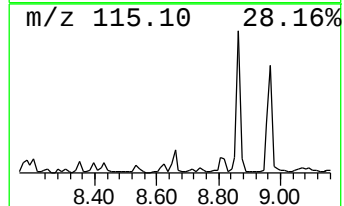
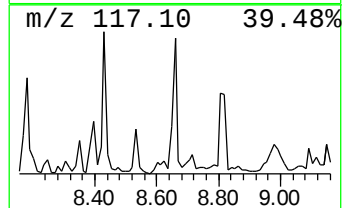
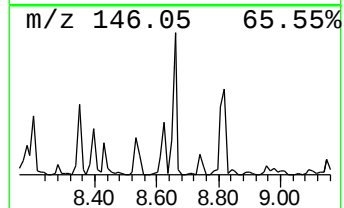
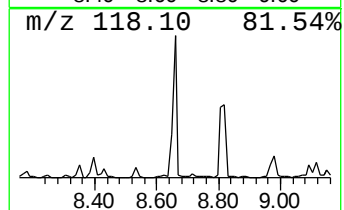
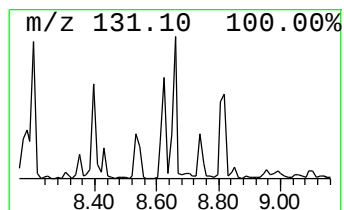
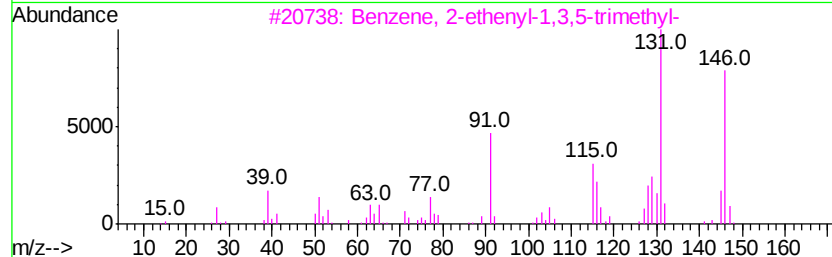
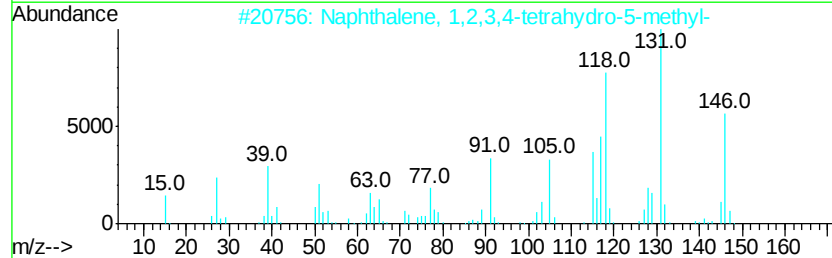
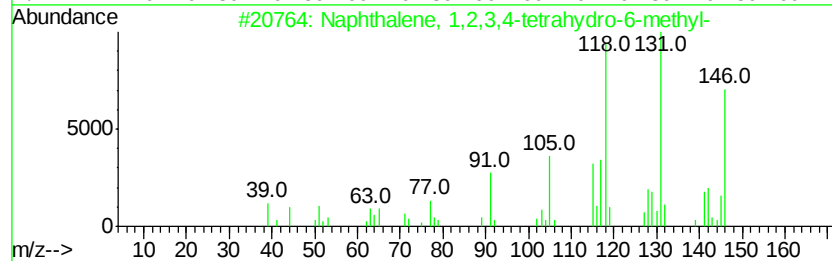
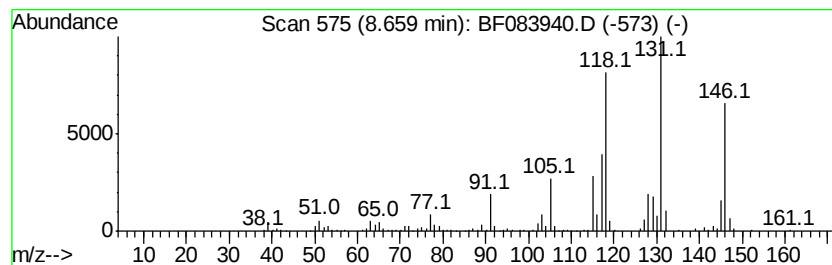
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	10.46 ng	388304	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
3		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
4		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	64
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083940.D
Acq On : 19 Dec 2015 4:16
Operator : UM/SJ
Sample : G4840-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-40

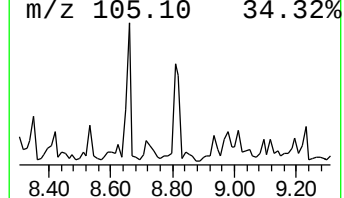
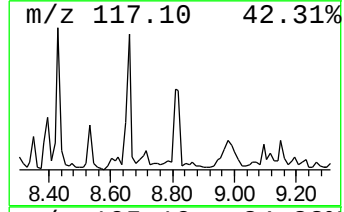
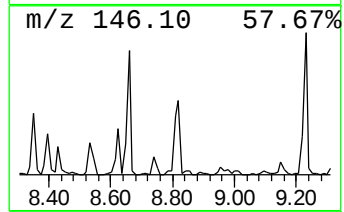
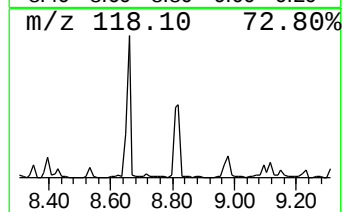
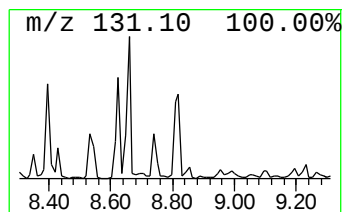
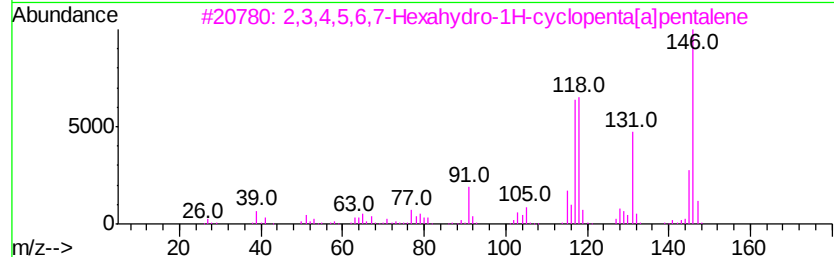
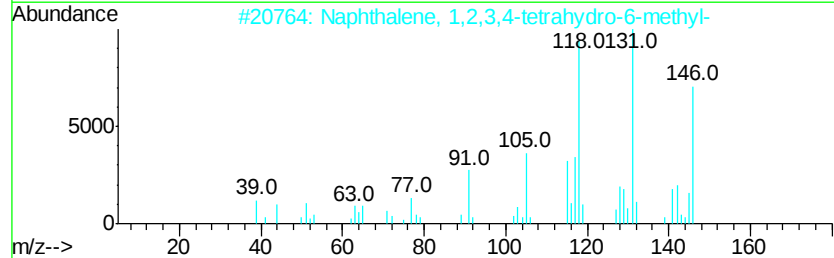
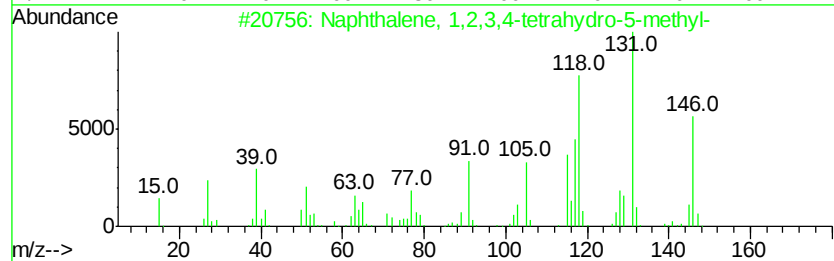
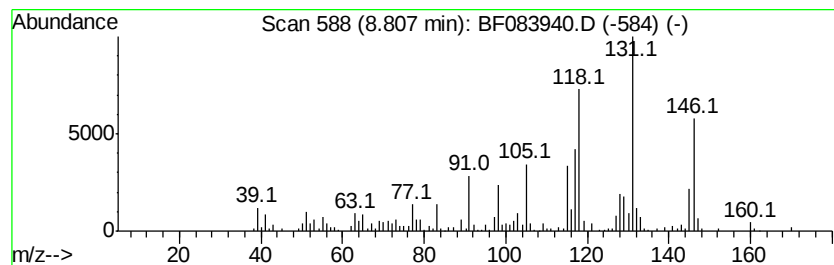
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	13.72 ng	508974	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	68
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5		.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083940.D
Acq On : 19 Dec 2015 4:16
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Instrument :
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ClientSampleId :
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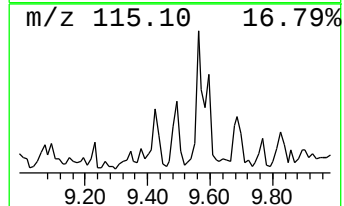
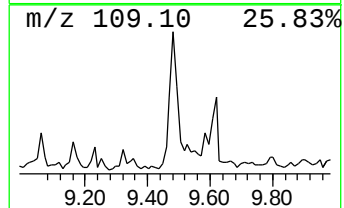
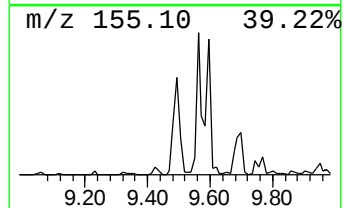
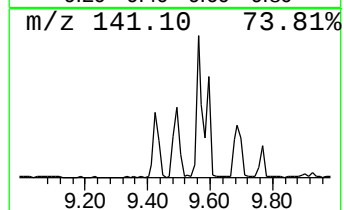
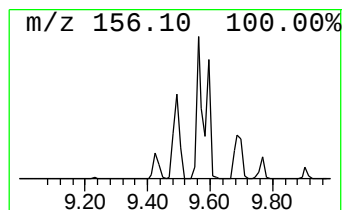
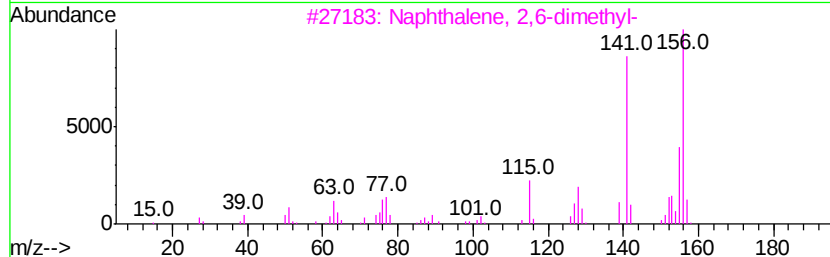
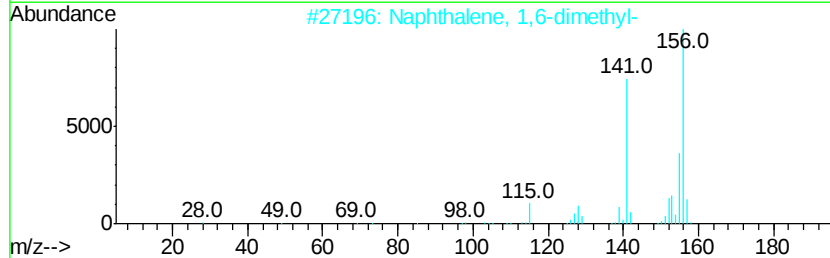
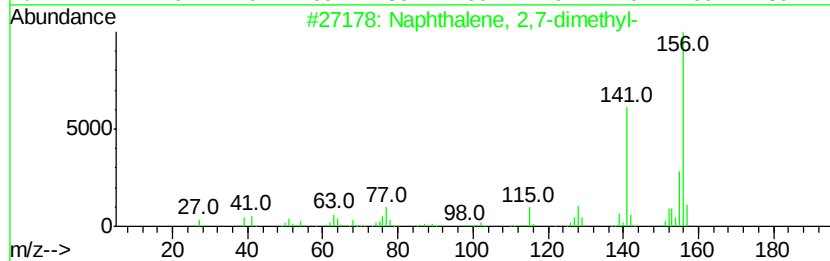
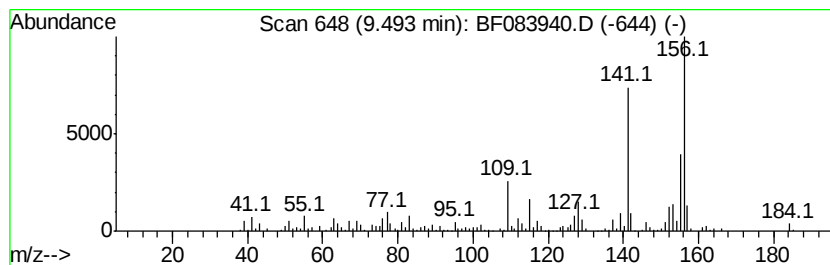
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	18.70 ng	653359	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083940.D
Acq On : 19 Dec 2015 4:16
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ClientSampleId :
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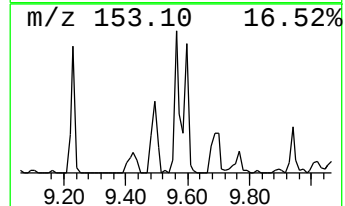
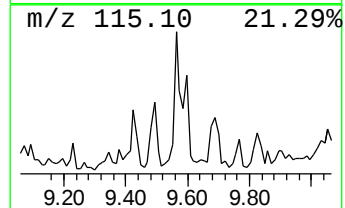
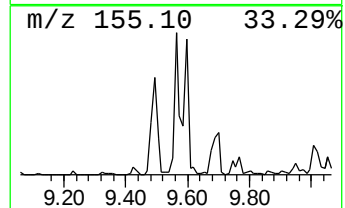
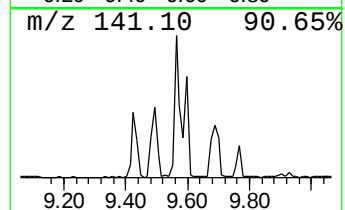
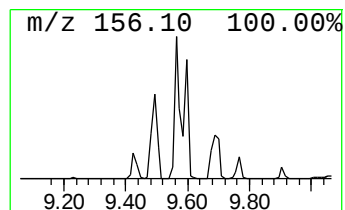
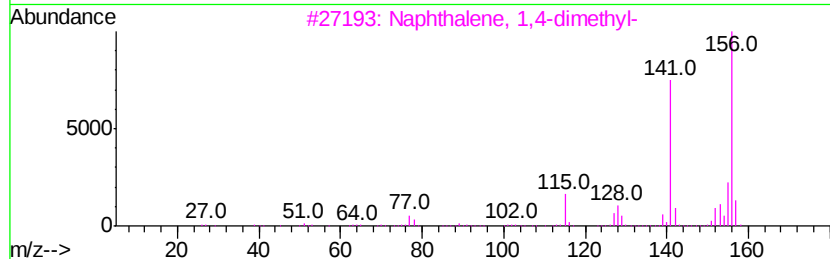
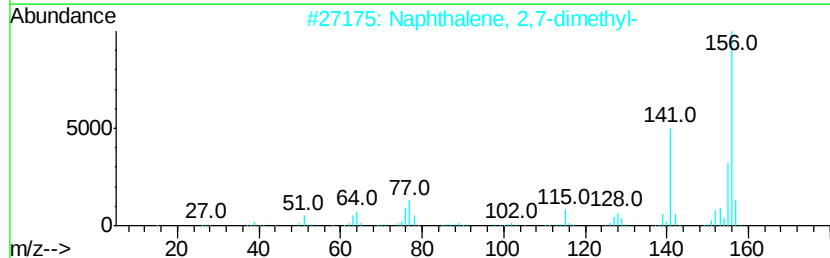
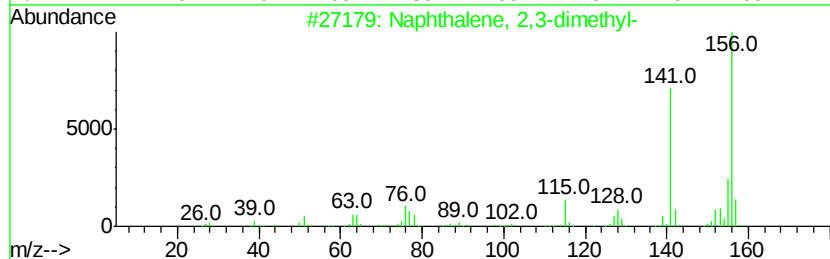
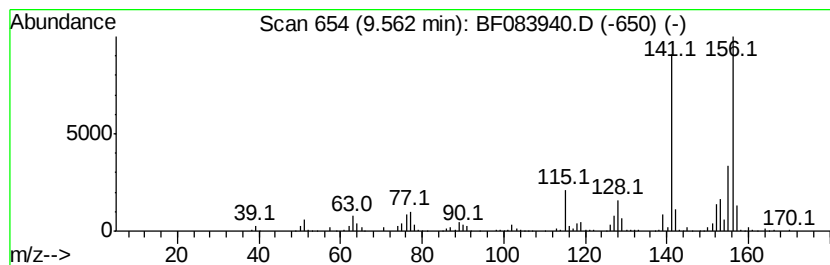
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	26.97 ng	942099	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083940.D
Acq On : 19 Dec 2015 4:16
Operator : UM/SJ
Sample : G4840-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-40

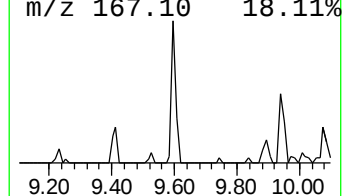
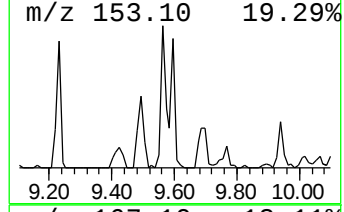
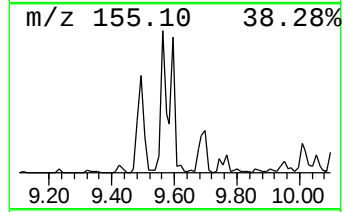
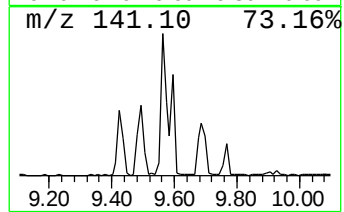
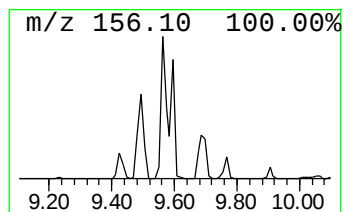
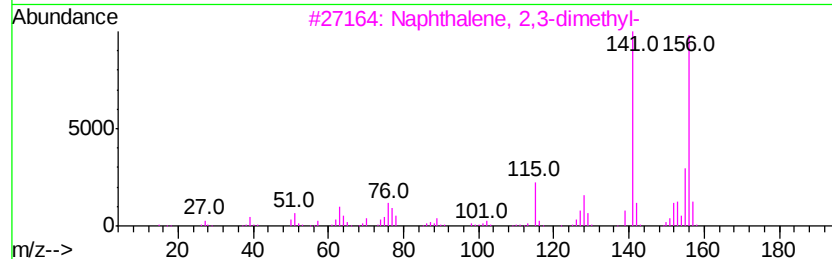
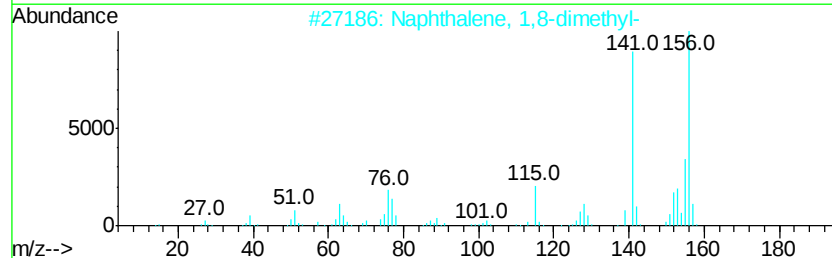
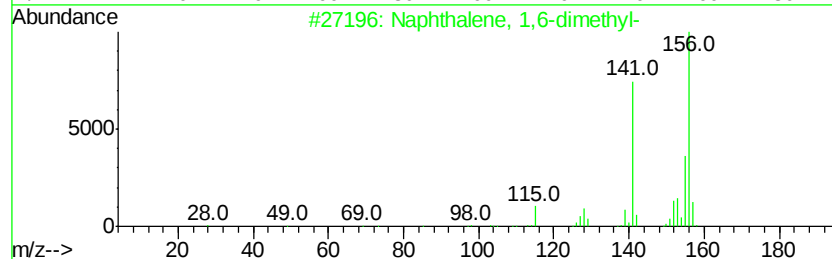
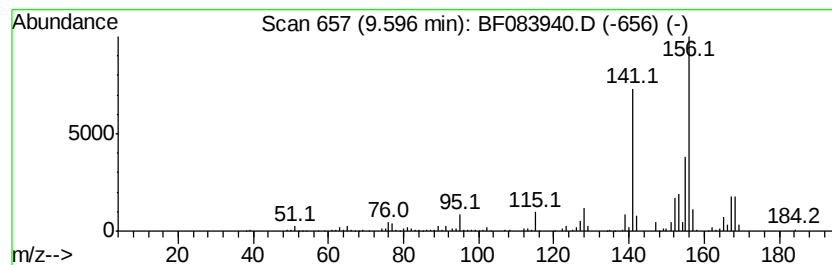
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	15.84 ng	553420	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	81
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083940.D
Acq On : 19 Dec 2015 4:16
Operator : UM/SJ
Sample : G4840-05
Misc :
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ClientSampleId :
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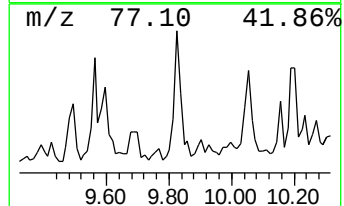
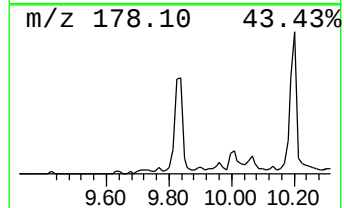
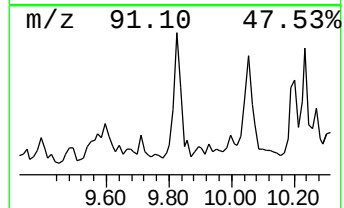
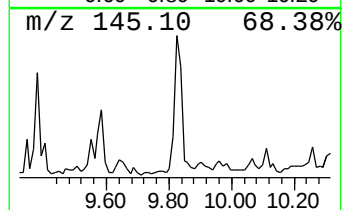
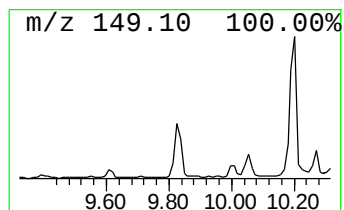
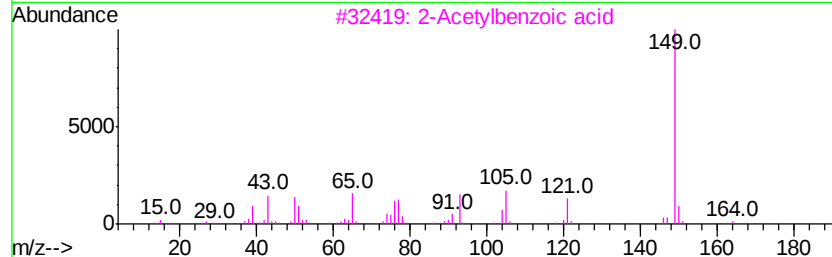
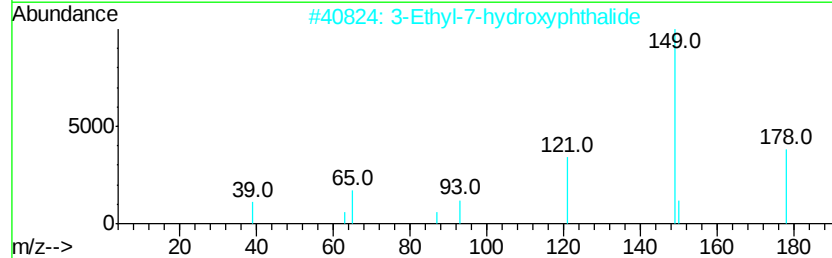
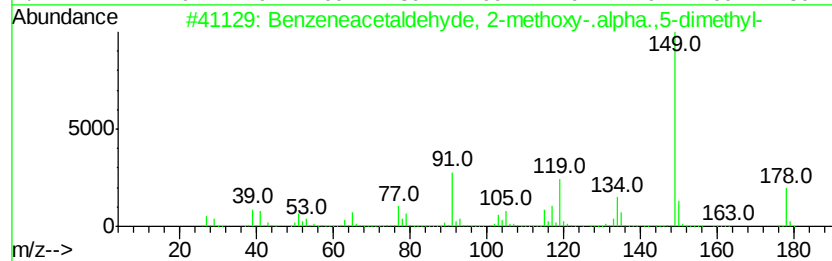
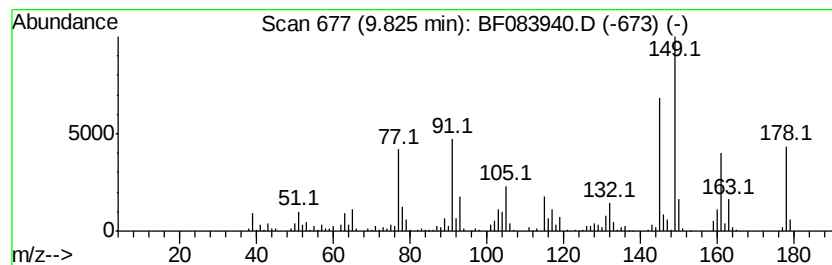
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.82 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	12.99 ng	453637	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetaldehyde, 2-methoxyv-....	178	C11H14O2	053155-90-1	35
2		3-Ethyl-7-hydroxyphthalide	178	C10H10O3	000485-26-7	35
3		2-Acetylbenzoic acid	164	C9H8O3	000577-56-0	25
4		Cyclohexanone, 2-cyclohexylidene-	178	C12H18O	001011-12-7	25
5		1,3-Dioxolane, 2-tert-butyl-2-ph...	206	C13H18O2	006135-60-0	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083940.D
Acq On : 19 Dec 2015 4:16
Operator : UM/SJ
Sample : G4840-05
Misc :
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ClientSampleId :
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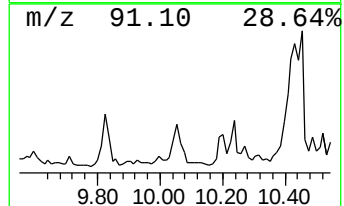
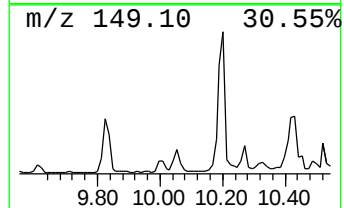
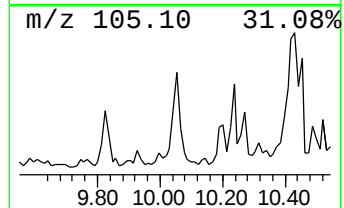
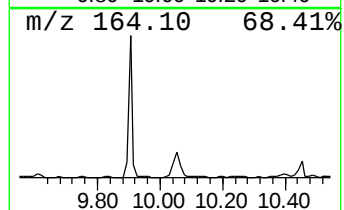
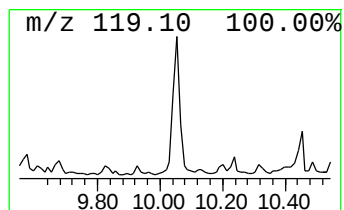
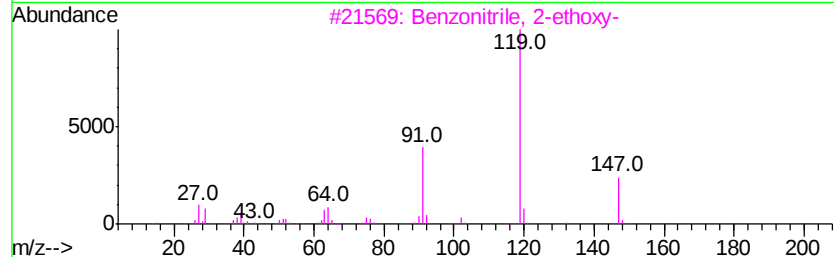
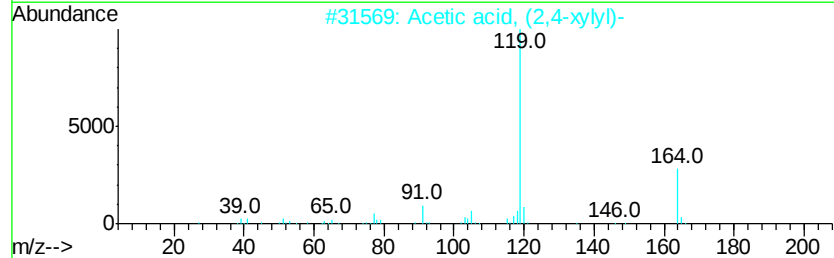
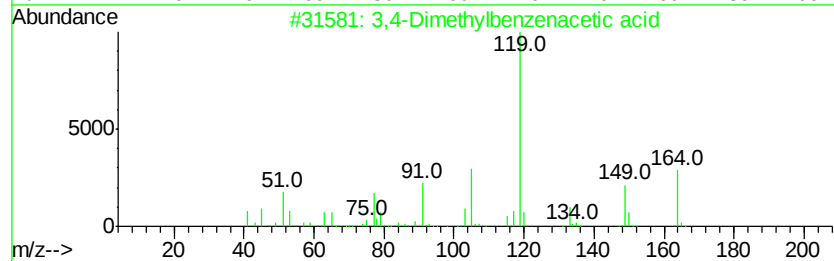
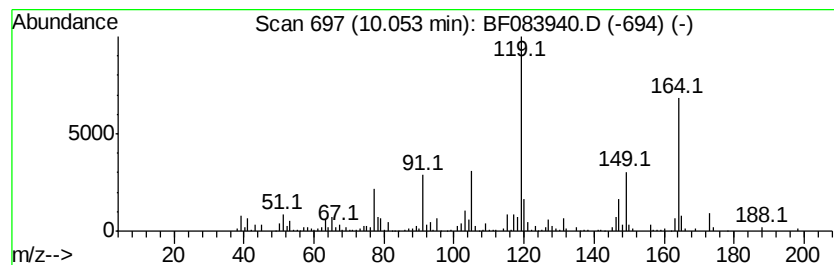
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 3,4-Dimethylbenzenacetic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	14.40 ng	503064	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dimethylbenzenacetic acid	164	C10H12O2	017283-16-8	64
2		Acetic acid, (2,4-xylvl)-	164	C10H12O2	006331-04-0	58
3		Benzonitrile, 2-ethoxy-	147	C9H9NO	006609-57-0	41
4		3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	38
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083940.D
Acq On : 19 Dec 2015 4:16
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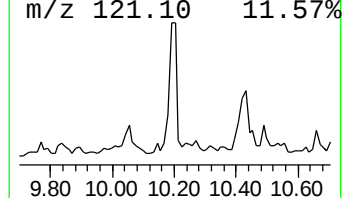
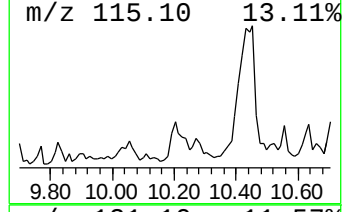
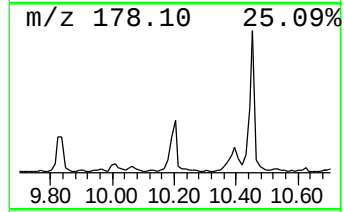
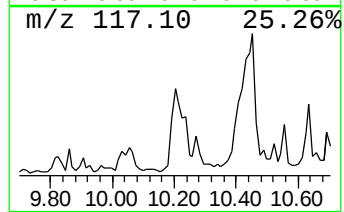
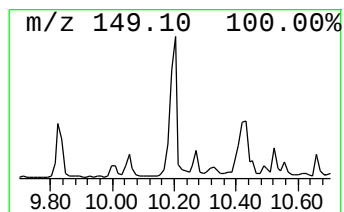
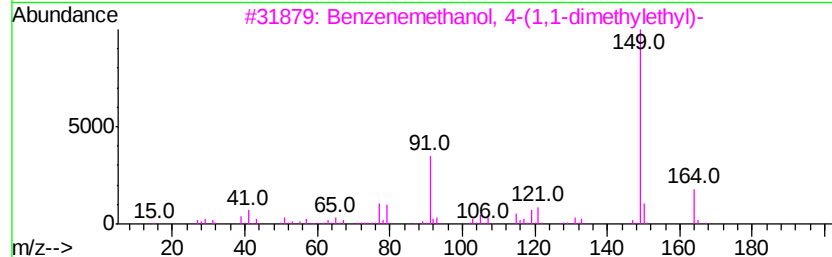
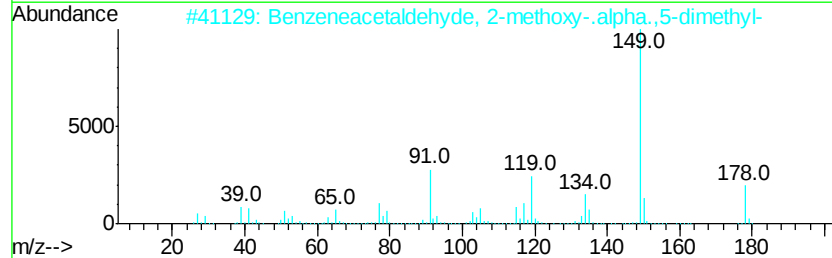
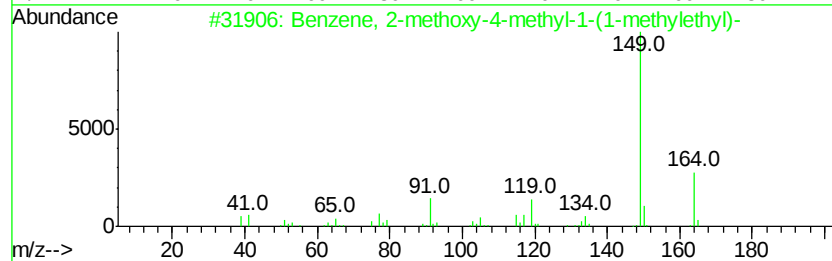
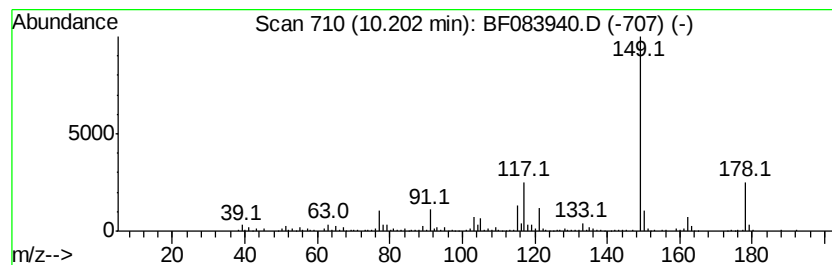
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 2-methoxy-4-methyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	12.62 ng	440888	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	58
2		Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	53
3		Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	53
4		Pyridine-3-carboxamide, 4-dimeth...	277	C14H13F2N3O	1000266-41-1	43
5		6-Amino-1-methylpurine	149	C6H7N5	005142-22-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083940.D
Acq On : 19 Dec 2015 4:16
Operator : UM/SJ
Sample : G4840-05
Misc :
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Instrument :
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ClientSampleId :
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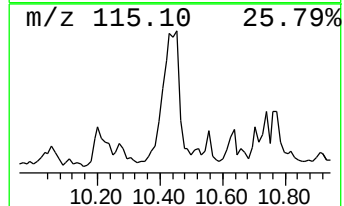
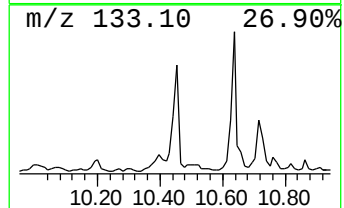
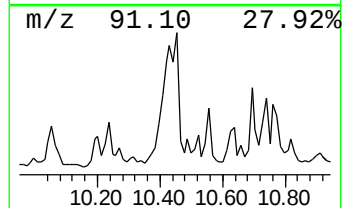
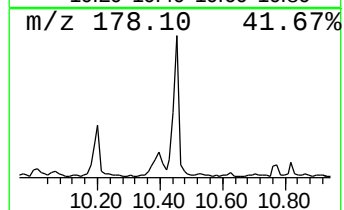
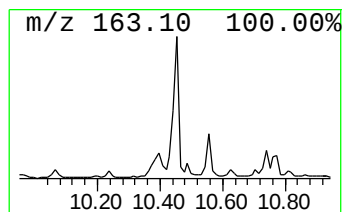
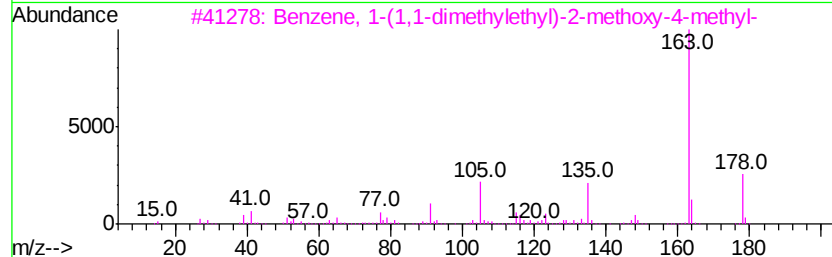
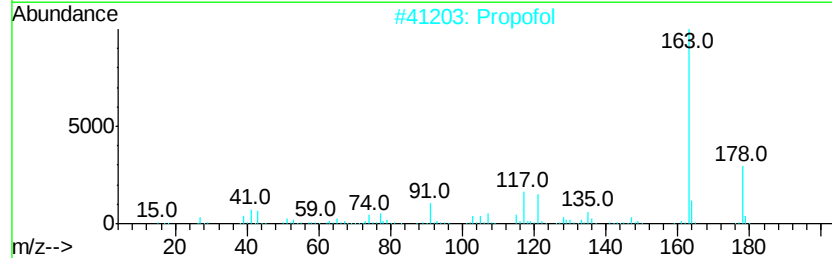
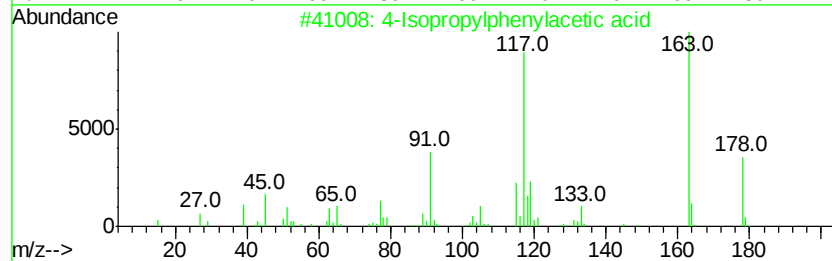
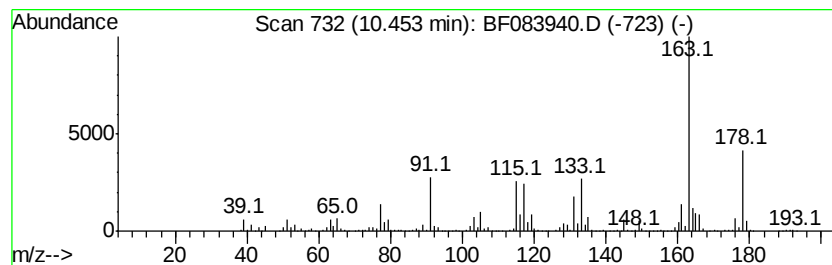
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4-Isopropylphenylacetic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	67.34 ng	2352370	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	62
2		Propofol	178	C12H18O	002078-54-8	58
3		Benzene, 1-(1,1-dimethylethyl)-2...	178	C12H18O	000088-40-4	49
4		Imidazole, 4,5-dichloro-2-isopro...	178	C6H8Cl2N2	1000262-40-5	47
5		Ethanone, 1-(2,3-dihydro-1,4-ben...	178	C10H10O3	002879-20-1	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083940.D
Acq On : 19 Dec 2015 4:16
Operator : UM/SJ
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ClientSampleId :
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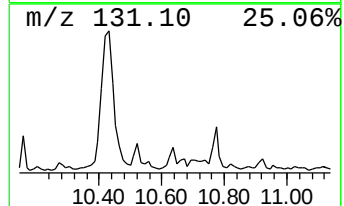
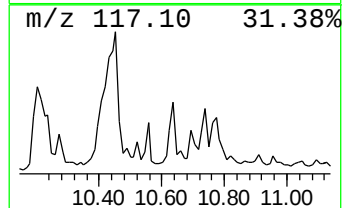
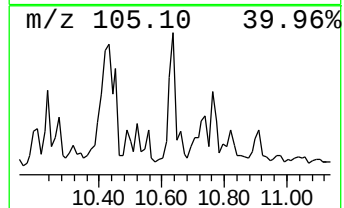
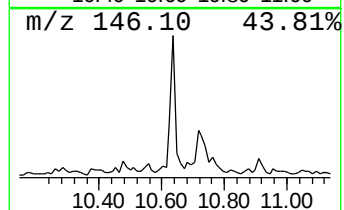
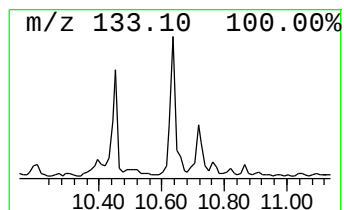
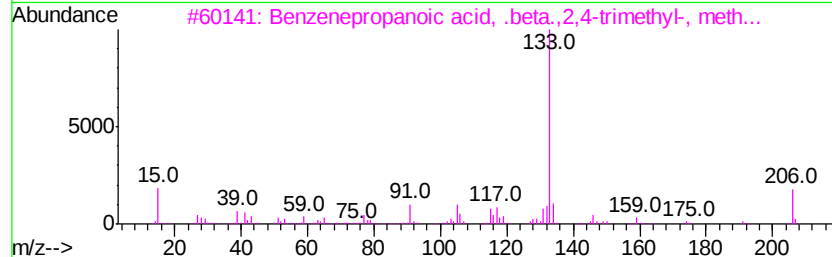
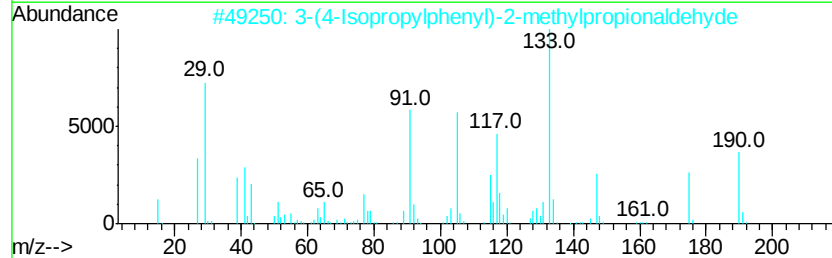
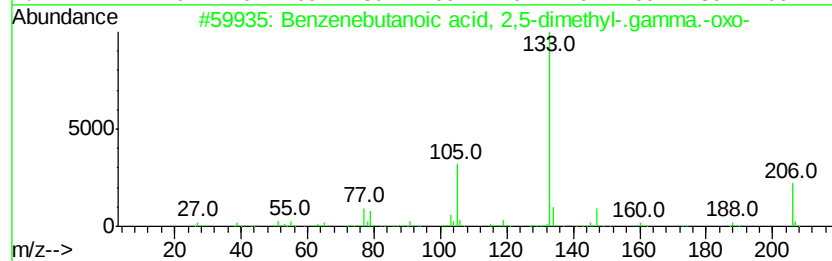
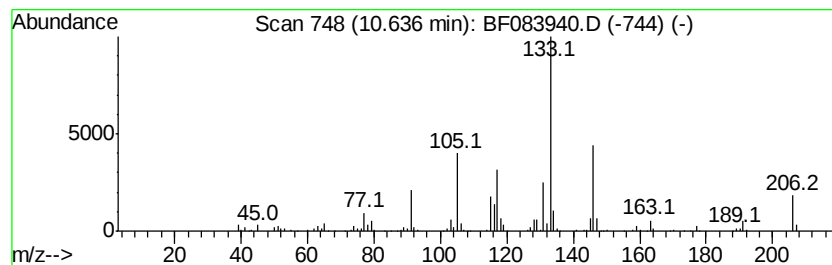
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzenebutanoic acid, 2,5-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	11.28 ng	394116	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenebutanoic acid, 2,5-dimeth...	206	C12H14O3	005394-59-2	50
2		3-(4-Isopropylphenyl)-2-methylpr...	190	C13H18O	000103-95-7	47
3		Benzenepropanoic acid, .beta.,2,...	206	C13H18O2	056298-76-1	43
4		Butanoic acid, 4-(3,5-dimethylph...	206	C12H14O3	036440-58-1	41
5		Mesitylacetic acid	178	C11H14O2	004408-60-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083940.D
Acq On : 19 Dec 2015 4:16
Operator : UM/SJ
Sample : G4840-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W-40

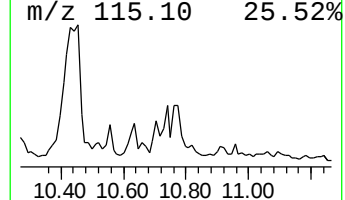
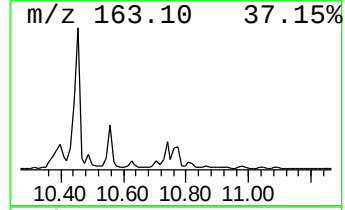
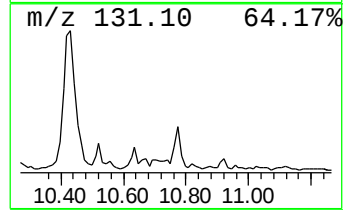
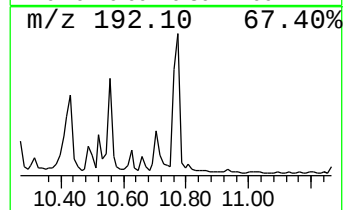
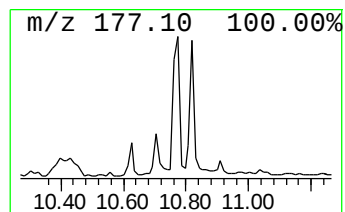
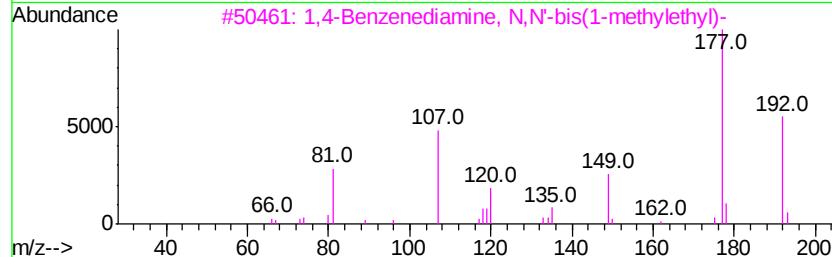
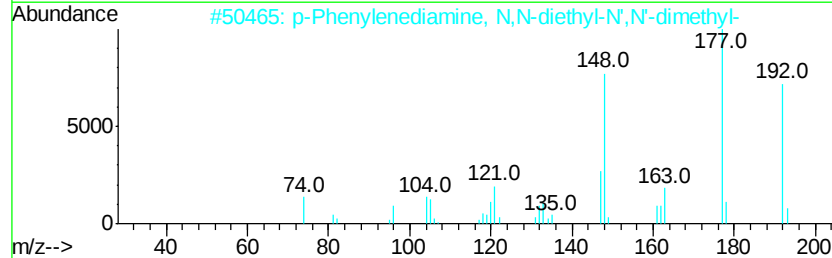
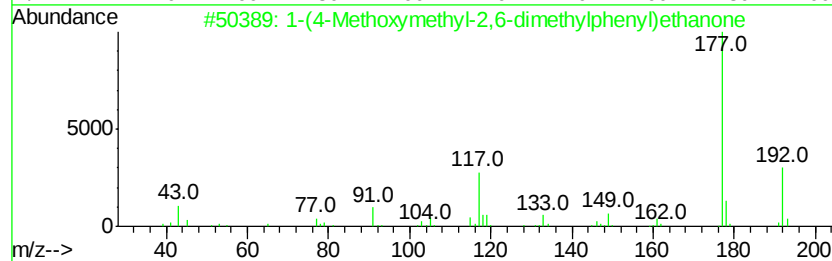
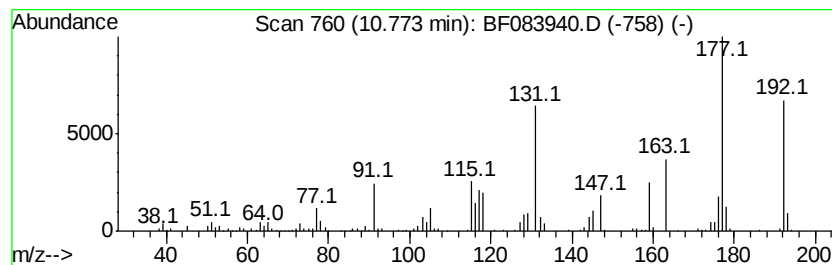
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown10.77 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	18.74 ng	504308	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(4-Methoxymethyl-2,6-dimethylp...	192	C12H16O2	1000202-02-2	47
2		p-Phenylenediamine, N,N-diethyl-...	192	C12H20N2	005775-53-1	46
3		1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	46
4		3-Buten-1-one, 4-[2,6,6-trimethy...	192	C13H20O	085949-43-5	46
5		6-Isopropyl-benzothiazol-2-ylamine	192	C10H12N2S	032895-14-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083940.D
Acq On : 19 Dec 2015 4:16
Operator : UM/SJ
Sample : G4840-05
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-40

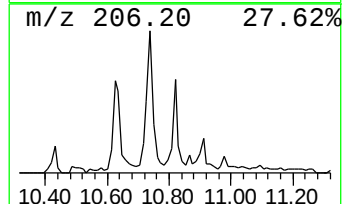
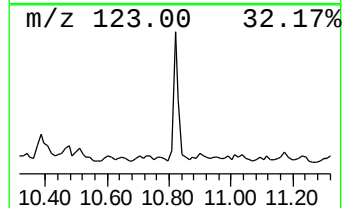
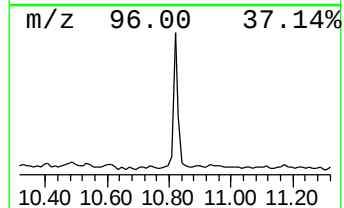
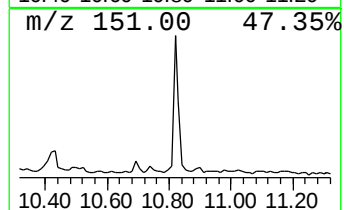
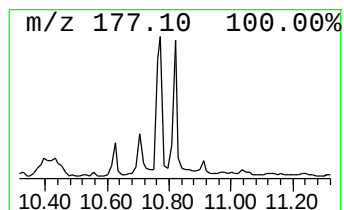
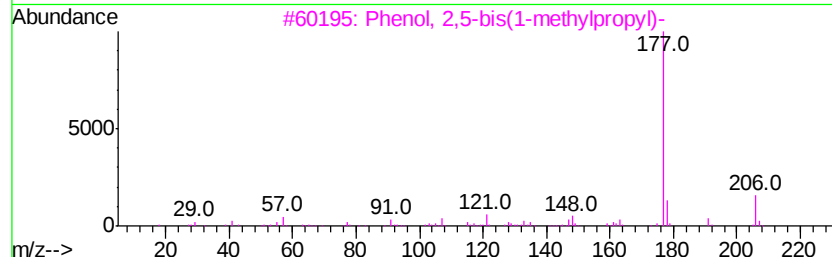
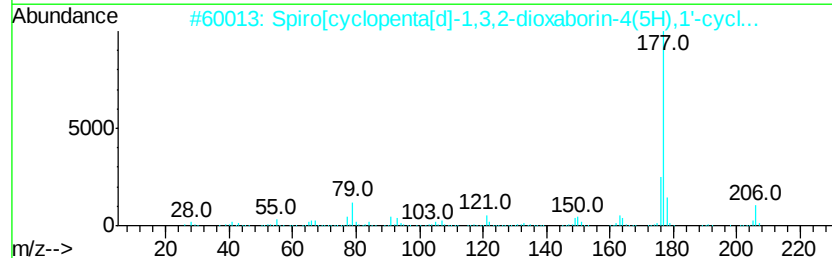
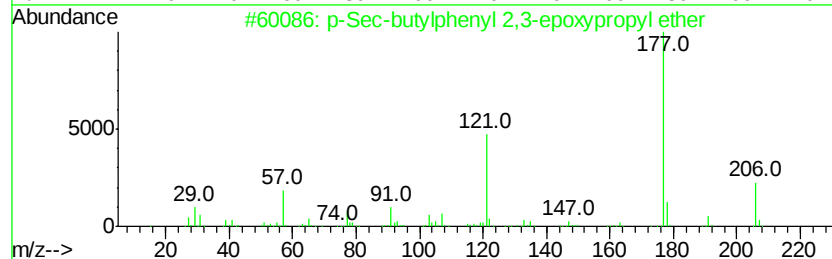
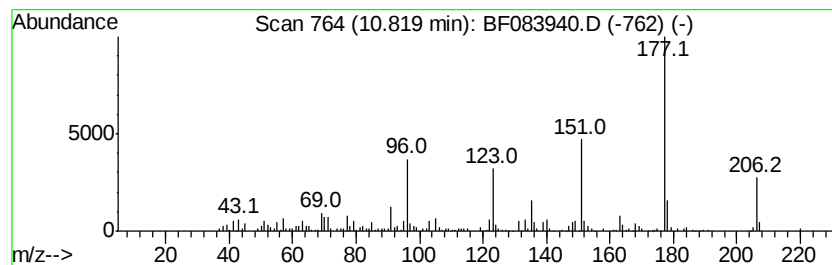
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown10.82 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	10.02 ng	269582	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Sec-butylphenyl 2,3-epoxypropyl...	206	C13H18O2	067557-76-0	46
2		Spiro[cyclopenta[d]-1,3,2-dioxab...	206	C12H19BO2	062238-26-0	43
3		Phenol, 2,5-bis(1-methylpropyl)-	206	C14H22O	054932-77-3	43
4		3-Buten-2-one, 4-(2,6,6-trimethyl...	192	C13H20O	014901-07-6	38
5		4(1H)-Pteridinone, 2-amino-7-met...	177	C7H7N5O	013040-58-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
 Data File : BF083940.D
 Acq On : 19 Dec 2015 4:16
 Operator : UM/SJ
 Sample : G4840-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-40

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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
unknown6.64	6.64	70.9	ng	1532110	1	6.86	431931	20.0
Benzene, 1,4-diet...	7.18	11.6	ng	250157	1	6.86	431931	20.0
Benzene, 1,2,4,5-...	7.64	11.4	ng	423158	2	8.16	742194	20.0
Benzene, (2-methy...	7.80	10.3	ng	382096	2	8.16	742194	20.0
Benzene, 1,2,3,4-...	7.89	26.6	ng	985785	2	8.16	742194	20.0
Naphthalene, 1,2,...	8.00	13.6	ng	504618	2	8.16	742194	20.0
Naphthalene, 1,2,...	8.66	10.5	ng	388304	2	8.16	742194	20.0
Naphthalene, 1,2,...	8.81	13.7	ng	508974	2	8.16	742194	20.0
Naphthalene, 2,7-...	9.49	18.7	ng	653359	3	9.90	698645	20.0
Naphthalene, 2,3-...	9.56	27.0	ng	942099	3	9.90	698645	20.0
Naphthalene, 1,6-...	9.60	15.8	ng	553420	3	9.90	698645	20.0
unknown9.82	9.82	13.0	ng	453637	3	9.90	698645	20.0
3,4-Dimethylbenze...	10.05	14.4	ng	503064	3	9.90	698645	20.0
Benzene, 2-methox...	10.20	12.6	ng	440888	3	9.90	698645	20.0
4-Isopropylphenyl...	10.45	67.3	ng	2352370	3	9.90	698645	20.0
Benzenebutanoic a...	10.64	11.3	ng	394116	3	9.90	698645	20.0
unknown10.77	10.77	18.7	ng	504308	4	11.39	538302	20.0
unknown10.82	10.82	10.0	ng	269582	4	11.39	538302	20.0